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FEB 8 1930

HARDY
INDEXED,
Plant Material
For 1930



SNYDER BROS., INC.
CENTER POINT, IOWA

FOREWORD

NEW PLANTS. The following "Aristocrats" have not before been in our list. The references given are to articles concerning them by the best authorities.

Cotoneaster multiflora, Ser. 3, Vol. III, p. 32, Arnold Arboretum Bulletin.

" *racemiflora veitchii*, Vol. 2, p. 26, Morton Arboretum Bulletin.

Crab—Arnolds, *Aristocrats of Garden*, p. 208.

Sargent, Ser. 3, Vol. III, p. 20, Arnold Arboretum Bulletin.

Zumi, *Aristocrats of Garden*, p. 209.

Sorbaria arborea, Ser. 3, Vol. III, p. 60, Arnold Arboretum Bulletin.

Spirea veitchii, Ser. 3, Vol. II, p. 56, Arnold Arboretum Bulletin.

Numerous others are growing, and will be offered in following lists. Some are available now in small quantities.

We keep an index of plants which are in the trade and will gladly furnish information as to where any rare plant may be procured.

The wide variety of hardy plant material wanted by up-to-date gardeners makes a list so long that only more important facts about each item can be given, and we have tried to give these as accurately and as briefly as possible. At best, no description gives one the accurate impression of a plant that actually seeing it does, so we invite those interested to come and see the various plants during the growing season. After the main delivery season someone is usually available to pilot visitors about the grounds. Specimens wanted for particular places can be tagged for delivery the next planting season.

LOCATION. Our office and packing house is just south of the C., R. I. & P. and W., C. F. & N. Stations in Center Point, eighteen miles from Cedar Rapids and twenty-five from Independence on Primary No. 11. The fields extend one-half mile further south and orchards of fruit and nut trees are one and one-half miles southeast on Primary 11.

A clay block building 100 feet square, constructed for this purpose, provides protection for handling and packing stock. Evergreens, large shade trees, and most perennials are dug as required for sending out.



TERMS

PRICES given are for the stock, properly packed and delivered at the Nursery, the stations here, or at nearby towns in case we are making a general delivery there. Small plants will be sent by parcel post within the second zone or the third zone, if not too heavy. Large trees or shrubs can not be sent by parcel post.

CONDITIONS. All orders are accepted on condition that they shall be void should any injury befall the stock from hail, frost, fire, or other causes beyond our control. Deliveries are subject to delay by bad weather, bad roads, strikes, accidents, embargoes and causes beyond our control.

TERMS are cash on or before the delivery of the stock, unless previously otherwise agreed upon. Remittances may be by check, or any convenient form, payable to Snyder Brothers, Inc.

CLAIMS for errors or shortage must be made immediately upon the receipt of the stock.

GUARANTEE OF GENUINENESS. While we exercise the utmost diligence to have all of our varieties true to name, and hold ourselves in readiness on proper proof to replace all trees, etc., that prove untrue to name, we do not give any warranty, expressed or implied, and in case of any error on our part, it is mutually agreed between the purchaser and ourselves that we shall not at any time be held responsible for any sum greater than amount originally paid for the said trees.

FEB 8 1930

BUREAU OF AGRICULTURE

APPLES

Apple trees should be planted 30x30 feet apart. They respond to good cultivation and care as freely as does corn or any other crop. Our trees are graded according to the standard rules of grading. The 5 to 6 foot size caliper $\frac{11}{16}$ in. and up; the other sizes $\frac{5}{8}$ to $\frac{11}{16}$ in. and $\frac{1}{2}$ to $\frac{5}{8}$ in., respectively. Many varieties will run considerably taller than rated, and a few dwarf growing kinds are shorter.

The following is a list of the main varieties of apples we have this spring, arranged approximately in the order of their ripening:

EARLY VARIETIES

Liveland (Lowland Raspberry)
Yellow Transparent
Duchess (Oldenburg)

Benoni
Nichner

Liveland is the best real early apple; it is beautifully colored, has the highest quality, and keeps remarkably for an early apple.

Benoni and Nichner have high quality and ripen just after Duchess.

FALL VARIETIES

Bailey Sweet
Ramsdell Sweet

Wealthy
Snow (Fameuse)

Wolf River
Longfield

WINTER VARIETIES

McIntosh
Sharon
Delicious
Jonathan
Ames
Grimes (Golden)
King David
Banana (Winter)
Golden Russet
Isherwood

Rome Beauty
Windsor
Iowa Blush
Hawkeye Greening
Tolman Sweet
Northern Spy
Roman Stem
N. W. Greening
Stayman (Winesap)

Allen's Choice
Salome
Mammoth Black Twig
York Imperial
Gano
Black Ben Davis
Ben Davis
✓Nelson Sweet
Malinda
Rall's (Janet or Geniton)

McIntosh we consider perhaps the most choice commercial variety for the North. Sharon is one of the best new introductions from Ames.

CRAB APPLES

Hyslop
Whitney (No. 20)

Virginia
White Arctic
Transcendant

Sweet Russet
Wynema

Wynema is a hybrid Wild Crab, growing 8 to 9 ft. and bearing immense crops of fruit about the size and color of Whitney, but otherwise like the small green wild crabs.

Virginia is unexcelled as a stock upon which to topwork varieties such as Jonathan, Grimes, Stayman, etc., and therefore is the best foundation for a permanent orchard.

PRICES of standard Apple and Crab Apple:	Each	Per 10	Per 100
5 to 6 feet	\$0.75	\$7.00	\$60.00
4 to 5 feet	.60	5.50	45.00
3 to 4 feet	.40	3.50	30.00

DWARF APPLES

Delicious	Wealthy	Yellow Transparent	Each	Per 10
PRICES of Dwarf Apple				
4 to 5 feet			\$1.00	\$9.00

ANOKA

Anoka is a hybrid produced by Prof. Hansen and is not strictly a dwarf, but bears extremely young. He says, "The fruit is two and one-half inches in diameter, round, Duchess type of coloring, flesh white, good subacid, season September."

PRICE of Anoka:	Each	Per 10
5 to 6 feet	\$1.00	\$9.00
3 to 4 feet	.60	5.00

PEACHES

Peaches in central Iowa should be planted where they will have as much protection as possible. Bailey Seedlings are hardiest.

Leading varieties—Champion, Bokara, and Elberta.

PRICES—	Each	Per 10
Budded trees	.75	\$6.00
	.50	4.00
Bailey Seedlings	.25	2.00
Fruit small, highly flavored.	.20	1.50

PEARS

More than one variety should be planted to insure pollination. The standard, or large growing trees, should be spaced 18 to 20 ft. apart; the Dwarfs, 10 ft. The following is a list of the varieties we have, arranged in approximate order of ripening:

Wilder	Bartlett	Kieffer
Clapp's Favorite	Seckel	Patten
Longworth	Flemish Beauty	Anjou
PRICES of all Standard Pears:	Each	Per 10
5 to 6 feet	\$1.00	\$9.00
4 to 5 feet	.80	7.50
3 to 4 feet	.60	5.50

DWARF PEARS are grafted on Quince roots, which dwarf and bring them into bearing earlier. The following varieties in the 4 to 5 and 3 to 4 foot sizes only:

Clapp's Favorite	Bartlett	Kieffer
Duchess	Seckel	Anjou
	Flemish Beauty	
PRICES of all Dwarf Pears:	Each	Per 10
4 to 5 feet	\$1.00	\$9.00
3 to 4 feet	.75	7.00

Duchess does particularly well as a dwarf.

CHERRIES

(In order of ripening)

Early Richmond
Montmorency

Ostheime

Yellow Glass
English Morello

Early Richmond and Montmorency are the most dependable and the most planted. Yellow Glass is a true, sweet cherry and is more tender than the others. English Morello is very late and very dark in color.

PRICES of above varieties:

These are standard grades. The caliper governs. Bushy varieties often are somewhat shorter than rated.

	$\frac{11}{16}$ in.	mostly 5-6 ft.	Each	Per 10
	$\frac{9}{16}$ — $\frac{11}{16}$ in.	mostly 4-5 ft.	.90	8.00
	$\frac{7}{16}$ — $\frac{9}{16}$ in.	mostly 3-4 ft.	.70	5.50

PLUMS

✓ Abundance	Fellenburg	Sapa
Beatty	German Prune	St. Anthony
Bohemian Prune	Gold	Terry
Burbank	Lombard	Toka
Compass	Miner	Underwood
Damson	Oka	Wachampa
Desoto	Omaha	✓ Wyckoff
	Red Wing	

Terry, Beatty, and Desoto are all pure American varieties of splendid quality for all purposes, and we believe most dependable of all for the far North.

Red Wing, St. Anthony, and Underwood are new plums recently originated at the Minnesota State Fruit Breeding Farm. They are all large, or very large, and excellent varieties. Red Wing has done extra well here.

Abundance and Burbank are Japanese varieties, which are much prized by some, but usually overbear and are short-lived here.

Oka, Sapa, and Wachampa are all hybrids of the Western Sand Cherry produced by Professor Hansen, and all make very crooked trees. The fruit is of medium size, has purplish flesh, very small pits, and is very fine for canning. Wachampa is very similar to Sapa except the flesh is a lighter color. Oka is most dwarf.

Toka is also a hybrid produced by Professor Hansen and generally included in the group known as the Hansen Hybrids. It is a cross of the American Plum and *Prunus Simoni*. The fruit is bright red, of good size, and has a very pronounced apricot fragrance and flavor. Many people think this the best plum in our whole list.

Damson, German Prune, and Lombard are all European varieties, which are often spoke of as blue plums.

Wyckoff is a variety of medium size and light red color with a very thin skin and especially fine for canning, no other variety excelling it for this purpose.

PRICES of Plum Trees:	Each	Per 10
5 to 6 feet	\$0.90	\$8.00
4 to 5 feet	.70	6.00
3 to 4 feet	.50	4.00

GRAPES

(In order of ripening)

Beta, black	Wyoming, red	Niagara, white
Hungarian, black	Worden, black	Caeo, red
Moore Early, black	Delaware, red	Concord, black
Diamond (Moore's, white)	Lucile, red	Agawan, red

Beta and Hungarian are small grapes, but very hardy and well suited for arbors and pergolas.

Concord is the best shipping variety and predominates in commercial plantings.

Worden and Moore Early are larger and sweeter than Concord and should be included in the home vineyard.

PRICES—

	Each	Per 10	Per 100
Concord—1 year	\$0.15	\$1.25	\$ 9.00
2 year	.20	1.50	12.50
Caco—1 year	.60	—	—
2 year	.75	—	—
Other varieties—1 year	.20	1.50	12.50
2 year	.25	2.00	17.50

CURRANTS

Currants cannot be sent across the quarantine line, which is the western line of Iowa.

Wilder	Cherry	Diploma
White Grape	Perfection	Fay (Fay's Prolific)

2-year Bushes—

	Each	Per 10	Per 100
Perfection	\$0.40	\$3.50	\$30.00
Other varieties	.30	2.50	17.50

GOOSEBERRIES

Subject to the same quarantine as Currants.

Champion	Downing	Carrie
	Pearl	

PRICES—2-year plants	30c each	\$2.50 per 10
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RASPBERRIES

The purple and black varieties grow from tips, red ones from suckers. For home use, the purple caps will produce more fruit than the others.

Cumberland is the most planted of the black caps.

Latham is far the best and most profitable of the red varieties. Plant in hedge rows about two feet apart in the rows.

Cardinal, purple	St. Regis, red everbearing	Louden, red
Cumberland, black	Haymaker, purple	Latham, red
	Royal Purple, purple	

PRICES—

Purple varieties and Latham	Per 10	Per 100	Per 1000
	\$0.75	\$6.00	\$50.00
Other varieties	.50	4.00	35.00

BLACKBERRIES AND DEWBERRIES

We have found the Snyder Blackberry the most dependable of many kinds tried and confine our growing to it. All the plants offered are root cutting plants; none are suckers from an old run-out patch.

PRICES—	Snyder Blackberry	Per 10	Per 100	Per 1000
	Heavy grade	\$0.60	\$4.50	\$40.00
	Medium grade40	3.00	25.00
	Light grade priced on application.			
	Lucretia Dewberry, tip plants75	6.00	50.00

STRAWBERRIES

The Dunlap Strawberry succeeds so well under so many different conditions and is so good for all purposes that we advise it as the best spring bearing variety for general planting. Put out a new bed each year in rows $3\frac{1}{2}$ to 4 feet apart and 18 inches in the row.

The fall bearing Strawberries do best north of Central Iowa, where if proper care is given and conditions are favorable, wonderful results are often obtained. They should be planted early in the spring on good, rich ground and a new patch planted each year.

PRICES—		Per 100	Per 1000
	Dunlap	\$1.00	\$ 9.00
	Progressive, fall bearing	2.50	20.00
	Champion, fall bearing	2.50	20.00
	Mastodon, fall bearing	3.00	25.00

ASPARAGUS

This is one of the first ready to use and most wholesome of the spring vegetables. Plant it along the fence and plant it by the hundred rather than by the dozen.

Martha Washington (Rust Proof), or the older varieties.

PRICES—		Per 10	Per 100	Per 1000
	Two-year plants	\$0.40	\$2.50	\$20.00

RHUBARB

Rhubarb, like Asparagus, should be planted where it need not be disturbed and will produce a great lot of wholesome food with the minimum amount of work. Heavy clumps of it may be forced in the cellar in winter if they are dug in the fall and allowed to freeze hard before taking in.

PRICES—		Each	Per 10	Per 100
	Two-year roots	\$0.20	\$1.50	\$10.00
	One-year roots15	1.00	6.00

EVERGREENS

All the evergreens we offer are dug fresh as sent out. If the buyer comes to the Nursery after them, they can be lifted directly from the row to his truck and have a minimum of exposure. If the roots of evergreen ever become thoroughly dry they cannot be revived as other trees can. Failure in transplanting them is largely due to allowing them to become dry while planting, to not packing good, mellow, moist soil very firmly around the roots, or to not properly conserving moisture about them through the summer by frequent shallow cultivation and by mulching.

SPACING. Plant Pines or Spruces 7 to 8 feet apart for single row windbreaks, and 10 to 12 feet apart for double rows. For low hedges plant 18 to 24 inches apart, depending on size.

SOILS. Plant Pines on dry or well drained soil. The Bull Pine will do well on very gravelly soil. In places where it is quite wet at times Spruce will be better, and in very wet places Arborvitae is the best.

PESTS. Red Spider or Mite causes much damage during a drouth in the growing season. A rusty appearance is likely to be due to it. Water applied under a high pressure to the tops every few days is an effective remedy. A soluble oil spray applied according to the manufacturer's directions is also effective, and very finely divided sulphur applied with a duster is now recommended.

EVERGREENS FOR WINDBREAKS AND HEDGES

Prices in this section do not include Ball and Burlap; if wanted that way, the expense of it must be added. Each X represents one transplanting.

ARBORVITAE—American, *Thuja occidentalis*, 15 to 30 ft. Size Each Per 10 Per 100

A native of the north, preferring a moist soil and enduring partial shade.	15-18 in. XX	\$0.50	\$4.50	\$40.00
Exposed east to west rows may sun-burn.	18-24 in. XX	.70	6.50	60.00
	2-3 ft. XX	.90	8.00	75.00
	3-4 ft. XX	1.00	9.00	85.00

PINE—Bull, *Pinus ponderosa*, Western

Yellow Pine. 50 to 80 ft.	8-10 in. X	----	1.25	9.00
A native of the Black Hills, with very long needles and thick, stout branches, which are not broken by heavy sleet or severe storms. Extremely hardy and drouth-resistant.	10-12 in. X	----	1.50	12.00
	4-5 ft. XXX	.85	8.00	
	5-6 ft. XXX	1.00	9.50	90.00

White, *Pinus strobus*. 70 to 90 ft.

One of Iowa's few native conifers and one of the best for windbreaks. Tolerates some shade.	15-18 in. XX	.60	5.50	50.00
	18-24 in. XX	.75	7.00	60.00
	2-3 ft. XX	.90	8.50	75.00
	3-4 ft. XX	1.00	9.50	85.00

RED CEDAR—*Juniperus virginiana*.

25 to 30 ft.	18-24 in. XX	.75	6.00	
Should not be planted near apple trees because of the Cedar-Apple rust.	2-3 ft. XX	.90	7.50	
	3-4 ft. XX	1.00	9.00	

SPRUCE—Norway, *Picea excelsa*.

70 to 80 ft.	12-15 in. XX	.40	3.50	30.00
Native to Northern Europe. Most grown because it is the easiest and fastest growing spruce.	15-18 in. XX	.50	4.50	40.00
	18-24 in. XX	.60	5.50	50.00
	2-3 ft. XX	.75	7.00	60.00

SPECIMEN EVERGREENS—For Landscape Planting

(Prices in this section include ball and burlap)

The following are well developed trees and are dug with a solid ball of earth securely burlapped and bound. They are much heavier to handle, but easier to plant and more certain to grow. In planting do not remove the burlap. After the tree is in place and hole partly filled to hold it, cut the burlap loose around the top and pour in plenty of water. Large trees over 8 feet should be ordered before hard freezing so they can be mulched for digging and the ball of dirt frozen solidly before moving. Imperfect specimens (defective on one side or at the bottom) can often be used as effectively in groups and will be priced according to quality. Each X represents one transplanting.

SPECIMEN EVERGREENS—Continued

		Size	Each
ARBORVITAE —American, <i>Thuja occidentalis</i>	Sheared, compact trees.	18-24 in. XXX 2-3 ft. XXX	\$1.50 2.50
— Globe , 2½ to 4 ft.	A dwarf form which makes compact globes without trimming. A very useful plant for formal places.	12-15 in. XX 15-18 in. XX 18-24 in. XX	1.50 2.00 2.50
— Geo. Peabody's Golden , 12 to 15 ft.	A clear golden yellow on the tips, needs shearing to make it compact. Best golden variety.	15-18 in. XXX 18-24 in. XXX 2-3 ft. XXX	2.00 2.50 3.50
— Little Gem . A true dwarf and one of the best	Splendid in rockeries.	6-8 in. XX	1.00
— Pyramidal , 15 to 20 ft.	Grows in columnar form without shearing. Brighter and darker green than the common Arborvitae. Much used in entrance and formal plantings. Best kept trained to one stem, no other training needed.	12-15 in. XXX 15-18 in. XXX 18-24 in. XXX 2-2½ ft. XXX 2½-3 ft. XXX 3-3½ ft. XXX	1.00 1.25 1.50 2.50 4.00 5.00
— Siberian , 10 to 15 ft.	The hardiest of all the Arborvitae, very compact, broadly conical in form and with dense dark green foliage. With very little shearing can be made into perfect globes.	12-15 in. XX 15-18 in. XXX 18-24 in. XXX 2-2½ ft. XXX 2½-3 ft. XXX	1.50 2.00 2.50 3.50 4.00
— Umbrella , <i>Umbraculifera</i> , 2 to 3 ft.	A low bush with wide umbrella-like top. Fine dark green foliage.	8-10 in. XX	1.00
FIR — <i>Balsam</i> , 30 to 35 ft.	A native of Iowa and Northeast. It should have moist, cool soil. The leaves and branches are delightfully fragrant.	18-24 in. XX 5-6 ft. XXX 6-7 ft. XXX	2.00 6.00 7.00
— Concolor , 70 to 80 ft.	The Silver Fir of Colorado. The handsomest tall evergreen.	12-18 in. XXX 18-24 in. XXX	2.50 4.00
— Douglas , also known as Douglas Spruce, 70 to 80 ft.	Soft, flexible, beautiful green foliage. Vigorous and graceful, retaining its beauty in old age.	12-18 in. XX 3-4 ft. XXX 4-5 ft. XXX 5-6 ft. XXX	2.00 6.00 8.00 10.00
HEMLOCK — <i>Tsuga canadensis</i> , 30 to 40 ft.	Native to Northeastern United States. A slow-growing, graceful tree with short, flat needles, bright green above, silvery beneath. Endures some shade. Prefers cool, acid soil.	9-12 in. XX 12-18 in. XX 18-24 in. XXX 2-2½ ft. XXX 2½-3 ft. XXX	1.00 1.50 2.50 3.00 4.00
JUNIPER — <i>Chinensis</i> , 15 to 20 ft.	Resembles Red Cedar. Does not get red in winter. Not susceptible to Cedar Apple fungus.	2-3 ft. XX 3-4 ft. XX	4.00 5.00

SPECIMEN EVERGREENS—Continued

	Size	Each
— Pfitzer , 5 to 6 ft.	12-15 in. XX	\$2.00
A dwarf variety of the Chinese Juniper. The foliage is bluish-green and the branches grow out horizontally from the stem, which gives the tree an individuality of its own. Sizes apply to width rather than height. This is the best Juniper.	15-18 in. XXX	3.00
	18-24 in. XXX	4.00
	2-2½ ft. XXX	5.00
	2½-3 ft. XXX	6.00
	3-4 ft. XXX	8.00
— cracovica , Polish Juniper, 4 to 5 ft.	12-15 in. XX	1.50
A slow-growing, upright, many-branched variety with silvery green foliage.	15-18 in. XX	2.00
	18-24 in. XX	2.50
— horizontalis glauca , 1 ft.	12-15 in. XX	1.50
Blue Creeping Juniper. A very low ground-covering type with thread-like steel blue foliage. Rapid growing, dense, and very fine.	15-18 in. XX	2.00
	2-2½ ft. XX	3.50
— sabina tamariscifolia , 1 to 1½ ft.	12-15 in. XX	2.00
A vigorous low-growing variety about 1 ft. high. Wide-spreading with bluish-gray green foliage.	15-18 in. XX	2.50
	18-24 in. XXX	3.50
— Savin , 6 to 7 ft.	9-12 in. XX	1.00
A bushy little tree with semi-erect branches and clear green foliage. Excellent for foundation plantings and rockeries or dry sunny places.	12-15 in. XX	1.50
	15-18 in. XX	2.00
	18-24 in. XX	3.00
— virginiana , Red Cedar, 25 to 30 ft.	18-24 in. XX	1.50
Sheared specimens of our native Red Cedar.	2-3 ft. XX	2.00
	3-4 ft. XX	3.00
	4-5 ft. XXX	4.50
— Canarti , 12 to 15 ft.	2-3 ft. XX	6.00
Deep, dark green. Pyramidal. Choice new variety.	3-4 ft. XX	8.00
LARCH—European , 50 to 60 ft.	18-24 in. XX	1.00
A conifer, but not an evergreen. Makes a strikingly beautiful specimen. Soft green foliage, especially beautiful in spring.	2-3 ft. XX	1.50
	3-4 ft. XX	2.50
	6-7 ft. XX	5.00
PINE—Bull, Ponderosa , 50 to 70 ft.	3-4 ft. XXX	3.00
Long, coarse needles; excellent in the background.	4-5 ft. XXX	4.00
Clear unchanging green. Should be fully exposed.	5-6 ft. XXX	5.00
Thrives on dryest gravelly soil.	6-7 ft. XXX	7.00
	7-8 ft. XXX	9.00
— Mugho, Dwarf Mountain Pine , 3 to 5 ft.	9-12 in. XX	1.50
This makes a compact dome-shaped bush broader than high. Sizes apply to width rather than height. Endures some shade.	12-15 in. XX	2.00
	15-18 in. XXX	3.00
	18-24 in. XXX	4.00
— Scotch , 25 to 30 ft.	18-24 in. XX	1.25
Bright green at all times and endures city conditions exceptionally well. May be sheared.	2-3 ft. XX	2.00
	3-4 ft. XXX	3.00
— White , 60 to 100 ft.	2-3 ft. XX	2.50
The softest foliage of the pines. Endures some shade and is the longest-lived pine here.	3-4 ft. XX	3.00
	4-5 ft. XXX	3.50

SPECIMEN EVERGREENS—Continued

		Size	Each
SPRUCE—Black Hills , 50 to 70 ft.		12-15 in. XXX	\$1.50
A native of the Black Hills. It does very well over a wide range and makes the finest specimens of all Spruce. This is a very variable species, ranging from very compact dwarfs to more open, rapid-growing trees, and from clear green to silvery blue-green. In dry seasons it should be closely watched and treated for red spider.		15-18 in. XXX	2.00
		18-24 in. XXX	2.50
		2-2½ ft. XXX	3.00
		2½-3 ft. XXX	4.00
		3-4 ft. XXX	5.00
		4-5 ft. XXX	6.00
		5-6 ft. XXX	7.50
		6-7 ft. XXX	10.00
— Colorado Blue, <i>Picea pungens</i> , 25 to 40 ft.			
— Selected Blue Specimens or Shiners		18-24 in. XXX	6.00
These are as subject to red spider injury as Black Hills Spruce, or even more so, because of their compact growth. Imperfect specimens for group planting priced according to value.		2-2½ ft. XXX	7.50
		2½-3 ft. XXX	10.00
		3-4 ft. XXX	12.50
		4-5 ft. XXX	17.50
		5-6 ft. XXX	22.50
— Green Specimens		2-2½ ft. XXX	3.00
The same fine compact form as the Shiners, but clear green or slightly blue-green foliage. Often, but not always, they develop a blue color with age.		3-4 ft. XXX	6.00
		4-5 ft. XXX	8.00
		5-6 ft. XXX	10.00
YEW—Canada, <i>Taxus canadensis</i> , 2 to 3 ft.		9-12 in. XX	1.00
Requires shade or foliage will sunburn in winter.		12-15 in. XX	1.50
— Japanese, <i>Taxus cuspidata</i> , 30 to 40 ft.		9-12 in. XX	1.50
Prefers some shade. Endures city conditions. Rich deep green leaves, red berries in fall.		12-18 in. XX	2.00
		18-24 in. XX	3.00
— <i>Taxus cuspidata media</i>		12-18 in. XX	2.00
A compact but slender upright form.		18-24 in. XX	3.00
— <i>Taxus cuspidata nana</i>		6-8 in. X	1.00
A very dwarf compact variety, fine for rock gardens. Very dark green.			

DECIDUOUS TREES AND SHRUBS

Trees and Shrubs are included under one heading, as it is difficult to distinguish between them and there is no need for trying to do so. Botanical names are given preference except where the common names are well established and better known. Larger sizes than are quoted can be furnished of many trees and shrubs and correspondence concerning them is invited, also larger quantities will be gladly quoted. The figures after the names indicate the size attained at maturity under average conditions, and will vary considerably in different places.

Special requirements such as acid or limestone soil, moist or dry soil, shade or full exposure, winter protection, etc., are noted if important.

		Size	Each	Per 10
ACANTHOPanax pentaphyllum , 5 to 7 ft.		2 to 3 ft.	\$0.50	\$4.00
Arching spiny branches with good foliage.		3 to 4 ft.	.60	5.00
Most tolerant of smoke and drouth.				

ALMONDS—Flowering. See *Prunus glandulosa*.

DECIDUOUS TREES AND SHRUBS—Continued

	Size	Each	Per 10
ALTHEAS, Rose of Sharon, Hibiscus syriacus, 6 to 12 ft. Quite tender. Hollyhock-like flowers, in various colors.	2 to 3 ft. 3 to 4 ft.	\$.60 .75	\$5.00 6.50
AMELANCHIER sp. Dwarf Juneberry, Serviceberry, Shadblow , 6 to 8 ft. A mass of white in early spring, followed by great crops of purplish, edible, sweet fruit. Attracts birds. Deserves much wider use.	12 to 15 in. 15 to 18 in. 18 to 24 in.	.35 .45 .60	3.00 4.00 5.00
ARONIA melanocarpa, Black Chokeberry, 4 to 6 ft. White flowers early. Black fruit and brilliant fall foliage.	18 to 24 in. 2 to 3 ft.	.75 1.00	6.50 9.00
— <i>arbutifolia brilliantissima</i> The brightest red berries in late autumn.	2 to 3 ft.	1.50	—
ASH—American , 50 to 60 ft. Splendid shade tree.	7 to 8 ft. 8 to 10 ft.	1.00 1.50	10.00 14.00
BARBERRY, Japanese. See Hedge Plants. — Red Leaved , purplish red all summer	12 to 15 in. 15 to 18 in.	.75 1.00	7.00 9.00
— Box , a very dwarf form, 2 to 3 ft. Compact, very desirable.	12 to 15 in. 15 to 18 in.	.50 .65	4.50 6.00
BIRCH—European White , 30 to 40 ft. Bark becomes white. Plant in early spring only.	5 to 6 ft. 6 to 8 ft.	1.75 2.50	16.00 22.00
BLADDERNUT, Staphylea trifolia , 8 to 10 ft. White flowers. Moist soil, part shade. Large inflated pinkish seed pods.	18 to 24 in. 2 to 3 ft. 3 to 4 ft.	.50 .60 .75	4.00 5.00 7.00
BUTTERFLY BUSH, Buddleia davidi magnifica , 5 to 7 ft. Spikes of rose-colored flowers with orange eye from July till freezing. Needs good winter protection.	Strong 2 year Strong 1 year	.50 .30	4.00 2.50
BUTTON BUSH, Cephalanthus occidentalis , 5 to 6 ft. Greenish-white globular flowers. Likes moisture.	18 to 24 in. 2 to 3 ft.	.50 .75	4.00 6.50
CARAGANA arborescens, Siberian Pea Tree , 10 to 15 ft. Green bark. Soft pea green foliage very early. Bright yellow flowers in late May. Thrives in dryest soil in sun.	18 to 24 in. 2 to 3 ft. 3 to 4 ft. 4 to 5 ft.	.30 .40 .50 .60	2.00 3.00 4.00 5.00
CATALPA speciosa, Western Catalpa , 30 to 40 ft. Many large white flowers in June.	5 to 6 ft. 6 to 8 ft.	.75 1.25	6.50 10.00
CATALPA bungei, Umbrella Catalpa , 8 to 10 ft. Size given is height to grafted head.	5½ to 6 ft. 5 to 5½ ft.	3.00 2.50	25.00 20.00

DECIDUOUS TREES AND SHRUBS—Continued

		Size	Each	Per 10
CLETHR A <i>alnifolia</i> , Summersweet , 4 to 5 ft.	12 to 18 in.	\$0.50	\$4.00	
Upright racemes of very fragrant creamy white flowers in August and September. Likes moist, acid, sandy soil.	18 to 24 in.	.75	6.00	
CORNUS , Dogwood .				
— <i>alternifolia</i> , Pagoda Dogwood , 15 to 18 ft.	2 to 3 ft.	.75	6.50	
Horizontal branches in tiers. Blue berries very attractive to birds. Endures shade. Strikingly picturesque. Most desirable.	3 to 4 ft.	1.00	9.00	
	4 to 5 ft.	1.25	11.00	
	5 to 6 ft.	1.50	14.00	
— <i>alba siberica</i> , Coral Dogwood , 8 to 10 ft.	18 to 24 in.	.30	2.50	
Cymes of creamy white flowers in May-June, bluish white berries in July. Bark bright coral red in winter.	2 to 3 ft.	.40	3.50	
	3 to 4 ft.	.50	4.50	
— <i>baileyi</i> , 6 to 8 ft.	18 to 24 in.	.50	4.50	
Bright red bark, finer twigs and better fall coloring than above. Good in dry soil.	2 to 3 ft.	.60	5.50	
— <i>elegantissima</i>	2 to 3 ft.	1.00	—	
White variegated leaves, red bark.				
— <i>florid a</i> , Flowering Dogwood , 10 to 20 ft.	18 to 24 in.	.75	6.00	
Large white flowers before the leaves. Red berries. Unexcelled fall coloring. For protected places.	2 to 3 ft.	1.00	9.00	
	3 to 4 ft.	1.25	11.00	
— <i>stolonifera lutea</i> , Yellow-twigg ed Dogwood , 8 to 10 ft.	18 to 24 in.	.40	3.50	
Similar to <i>alba siberica</i> but with golden yellow bark in winter.	2 to 3 ft.	.50	4.50	
	3 to 4 ft.	.60	5.50	
COTONEASTER <i>acutifolia</i> , Quinceberry , 5 to 8 ft.	18 to 24 in.	.50	4.50	
Small pinkish flowers, black berries. Smooth, glossy, dark green leaves. Splendid hedge plant.	2 to 3 ft.	.60	5.50	
	3 to 4 ft.	.75	6.50	
— <i>divaricata</i> , Spreading Cotoneaster , 4 to 6 ft.	12 to 18 in.	1.00	—	
Pink flowers, oblong red berries. Brilliant fall foliage. Wide spreading, best protected some.	18 to 24 in.	1.50	—	
	2 to 3 ft.	2.00	—	
— <i>horizontalis</i> , Rock or Prostrate Cotoneaster , 1 to 2 ft.	9 to 12 in.	1.00	9.00	
Pinkish-white flowers, bright red berries. Prostrate. Needs protection.	12 to 15 in.	1.50	—	
— <i>hupehensis</i> , Hapeh Cotoneaster , 4 to 5 ft.	12 to 18 in.	1.25	—	
Fine branches gracefully arching. White flowers, red berries, yellow fall foliage.	18 to 24 in.	1.50	—	
— <i>multiflora</i> , 2 to 4 ft.	2 to 3 ft.	1.25	11.00	
Gracefully arching branches, snowy-white flowers in May. Brilliant red berries in August.	3 to 4 ft.	1.50	13.50	
— <i>racemiflora veitchii</i>	2 to 3 ft.	1.25	—	
Bushy upright growing. Dark red berries. It is considered one of the best of the hardy Cotoneasters.	3 to 4 ft.	1.50	—	

DECIDUOUS TREES AND SHRUBS—Continued

	Size	Each	Per 10
CRABS —All small trees, flowering in May.			
— Arnold , <i>Malus arnoldi</i> , 10 to 12 ft.	2 to 3 ft.	\$.60	\$5.00
Large, soft pink flowers, and one-half inch yellow and red fruit.	3 to 4 ft.	.90	8.00
— Bechtel Double Flowering , 10 to 15 ft.	2 to 3 ft.	1.00	9.00
Large, double, pink, fragrant flowers. "A tree full of roses," people usually exclaim.	3 to 4 ft.	1.50	12.00
	4 to 5 ft.	2.00	18.00
	5 to 6 ft.	2.50	22.50
— Carmine , <i>Malus atrosanguinea</i> , 10 to 15 ft.	3 to 4 ft.	1.00	9.00
Single brilliant carmine flowers. Rapid growing and wide spreading.	4 to 5 ft.	1.25	12.00
	5 to 6 ft.	1.50	—
— Hoppa , Hansen's Red Flowering Crab	3 to 4 ft.	1.25	10.00
A rapid growing kind with large red flowers, fruit, new growth, and wood.	4 to 5 ft.	1.50	12.50
	5 to 6 ft.	1.75	15.00
— Sargent , <i>Malus sargentii</i> , 6 ft.	18 to 24 in.	.75	7.00
Wide-spreading, compact. White flowers, berry like dark red fruit.	2 to 3 ft.	1.00	9.00
— Spectabilis , Chinese Flowering Crab , 8 to 12 ft.	2 to 3 ft.	1.25	10.00
Pink flowers in great profusion. Small fruit.	3 to 4 ft.	1.50	12.50
— Zumi , <i>Malus zumi</i> , 10 to 12 ft.	2 to 3 ft.	.60	5.00
Great masses of pink flowers and small red or yellow fruit very much liked by birds.	3 to 4 ft.	.90	8.00
CRANBERRY , Highbush. See <i>Viburnum opulus</i> .			
CURRENTS , Alpine . <i>Ribes alpinum</i> , 3 to 5 ft.			
Very compact, shade and drouth enduring. Extremely hardy. Fine hedge plant.	12 to 15 in.	.30	2.50
	15 to 18 in.	.40	3.50
	18 to 24 in.	.50	4.50
— Yellow Flowering , <i>Ribes odoratum</i> , 4 to 6 ft.	2 to 3 ft.	.50	4.50
Fragrant, very early blooming.	3 to 4 ft.	.60	5.50
CYTISUS <i>nigricans</i> , 2 to 3 ft.			
Dome shaped twiggy bushes. Many spikes yellow flowers in July. For dry sandy soil in full sun.	12 to 15 in.	.50	—
	18 to 24 in.	.75	—
DAPHNE <i>cneorum</i> , Rose Daphne ,			
Evergreen shrub, 1 to 1½ ft.	6 to 8 in.	1.00	9.00
Fragrant pink flowers May-September. Needs sandy, cool, perfectly drained soil, and winter protection. Excellent for rockery.	8 to 10 in.	1.25	12.00
	10 to 12 in.	1.50	14.00
	12 to 15 in.	2.00	—
DESMODIUM <i>pendulifolium</i> , Purple Bushclover ,			
3 to 5 ft.	2 year No. 1	.75	7.00
Purplish racemes in late summer. Protect.			
DEUTZIA <i>crenata</i> , Pink Deutzia , 5 to 7 ft.			
	2 to 3 ft.	.50	4.50
— <i>gracilis</i> , Slender Deutzia , 3 to 4 ft., white	18 to 24 in.	.75	6.50
— <i>lemoinei</i> , Lemoine Deutzia , 4 to 5 ft., white	18 to 24 in.	.60	5.00
Probably hardiest of the Deutzias.	2 to 3 ft.	.75	7.00

DECIDUOUS TREES AND SHRUBS—Continued

		Size	Each	Per 10
ELDER, Cut Leaved , 8 to 9 ft.		2 to 3 ft.	\$0.40	\$3.50
A variety of the common elder with finely cut foliage. Very fruitful.		3 to 4 ft.	.50	4.00
		4 to 5 ft.	.60	5.00
— Golden , 9 to 10 ft.		2 to 3 ft.	.50	4.00
A variety with conspicuous yellow foliage.		3 to 4 ft.	.60	5.00
— Red Berried, Sambucus pubens , 7 to 8 ft.		4 to 5 ft.	.60	5.50
Bright red berries, very early.		5 to 6 ft.	.75	7.00
ELM—American White , 80 to 100 ft.		5 to 6 ft.	.75	7.00
One of the best of all shade trees. Thrives in almost all situations.		6 to 8 ft.	1.25	12.00
		8 to 10 ft.	2.00	18.00
		10 to 12 ft.	2.50	22.50
— — Moline , 80 to 100 ft.		4 to 5 ft.	1.25	11.00
A very vigorous upright variety of the above with large closely set leaves. Budded and all one type.		5 to 6 ft.	1.50	12.50
		6 to 8 ft.	2.00	17.50
		8 to 10 ft.	2.50	22.50
— — Vase		5 to 6 ft.	1.50	—
A spreading, vase-shaped type. Budded and uniform in habit.		6 to 8 ft.	2.00	—
— — Weeping		2 year heads	3.00	—
A pendulous form making umbrella-shaped tops; grafted about 6 ft.		1 year heads	2.25	—
— Chinese, Ulmus pumila		5 to 6 ft.	2.00	17.50
Extremely rapid growing. Twigs fine and much bent. Leaves small and remain green till winter. Branched to ground.		6 to 8 ft.	2.50	22.50
		8 to 10 ft.	3.00	27.50
		10 to 12 ft.	3.50	32.50
EUONYMUS alatus, Winged Wahoo , 6 to 9 ft.		18 to 24 in.	1.00	9.00
Broad, corky wings on the twigs, red berries and brilliant fall foliage make this attractive at all seasons. Unexcelled for a specimen shrub.		2 to 3 ft.	1.50	12.50
		3 to 4 ft.	2.00	18.00
		4 to 5 ft.	3.00	27.50
— atropurpurea, Burning Bush , 8 to 10 ft.		18 to 24 in.	.50	4.00
Copious crimson fruit in fall. Native.		2 to 3 ft.	.75	6.50
— europaeus, European Burningbush , 12 to 15 ft.		18 to 24 in.	.50	4.50
Large red and orange pendent fruits which hang a long time. For moist protected places.		2 to 3 ft.	.75	6.50
		3 to 4 ft.	1.00	9.00
— radicans, Wintercreeper. Evergreen		15 to 18 in.	.60	5.00
A shrubby vine for protected places only.				
EXOCHORDIA grandiflora, Pearlbush , 6 to 8 ft.		2 to 3 ft.	1.00	9.00
Pearl-like buds which open pure white.		3 to 4 ft.	1.25	11.00
FORSYTHIA intermedia, Yellow Bells , 6 to 8 ft.		18 to 24 in.	.40	3.00
Arching branches. Blooms very early. Sometimes frozen. Branches bloom indoors.		2 to 3 ft.	.50	4.00
		3 to 4 ft.	.60	5.00
GINKGO, Maiden Hair Tree, Salisburia , 40 to 60 ft.		3 to 4 ft.	1.75	15.00
The oldest tree, unchanged through the geological ages. Immune to insects and diseases.		4 to 5 ft.	2.50	22.50

DECIDUOUS TREES AND SHRUBS—Continued

	Size	Each	Per 10
HACKBERRY , <i>Celtis occidentalis</i> , 50 to 60 ft.	5 to 6 ft.	\$1.25	\$10.00
A very strong, rapid-growing shade tree with sweet berries, which hang till spring and attract birds.	6 to 8 ft.	2.00	17.50
	8 to 10 ft.	2.50	22.50
	10 to 12 ft.	3.00	27.50
HONEYSUCKLE , <i>Lonicera</i> .			
— <i>Bella albida</i>	2 to 3 ft.	.50	4.00
Vigorous, upright, 8 to 9 ft. White flowers, red berries.	3 to 4 ft.	.60	5.50
	4 to 5 ft.	.75	7.00
— Fragrantissima , Winter Honeysuckle , 6 to 8 ft.	18 to 24 in.	.50	4.00
Whitish fragrant flowers. Very early. Red berries. For protected places.	2 to 3 ft.	.60	5.00
— Morrow's , 6 to 8 ft.	18 to 24 in.	.40	3.00
White flowers. Red berries. Compact, spreading, excellent for hedges. Trims well.	2 to 3 ft.	.50	4.00
— Tartarian , 8 to 10 ft.	18 to 24 in.	.40	3.00
Upright. Pink or white flowers, red berries. The commonest bush honeysuckle.	2 to 3 ft.	.50	4.00
	3 to 4 ft.	.60	5.50
HORSE CHESTNUT , <i>Aesculus hippocastanum</i> , 40 to 60 ft.	4 to 5 ft.	2.50	—
HYDRANGEA <i>arborescens grandiflora</i> ,			
— Hills of Snow , 4 to 5 ft.	12 to 18 in.	.45	4.00
Large clusters of white flowers in July. Endures shade.	18 to 24 in.	.60	5.00
	2 to 3 ft.	.75	6.50
— <i>paniculata grandiflora</i> , Hardy Hydrangea , Peegee Hydrangea , 8 to 9 ft.	18 to 24 in.	.50	4.00
Large panicles of white in August, changing to pink and bronzy-green in autumn. Bush form.	2 to 3 ft.	.70	6.00
	3 to 4 ft.	.90	8.00
— — Tree Form of the above	3 to 4 ft.	1.75	—
— — Praecox	12 to 18 in.	.50	4.50
Blooms six weeks earlier and has part fertile flowers.	18 to 24 in.	.60	5.50
HYPERICUM aureum , Golden St. Johnswort	18 to 24 in.	.75	—
Blue-green foliage. Bright yellow flowers in July-August.			
ILEX verticillata , Winterberry , 6 to 8 ft.	18 to 24 in.	.90	—
Red berries till mid-winter. For wet, acid soil.			
KENTUCKY COFFEE TREE , <i>Gymnocladus dioica</i> , 40 to 50 ft.	2 to 3 ft.	1.00	
Compound, blue-green leaves, slow growing.	3 to 4 ft.	1.50	
Thick, fleshy seed pods.	4 to 5 ft.	1.75	
KOLKWITZIA amabilis , Chinese Beautybush , 6 to 10 ft.	12 to 15 in.	1.00	
Bell-shaped pink flowers with orange center, in great profusion in June. Rapid growing. One of the best new hardy shrubs.	15 to 18 in.	1.25	
	18 to 24 in.	1.50	
	2 to 3 ft.	2.00	

DECIDUOUS TREES AND SHRUBS—Continued

	Size	Each	Per 10
LILACS, Botanically, Syringa. Prefer a rich, loamy, limestone soil.			
— Common Purple , unnamed	12 to 18 in. 18 to 24 in. 2 to 3 ft.	\$.30 .40 .50	\$2.00 3.00 4.00
— S. japonica, Japanese Tree Lilac , 15 to 20 ft. Yellowish-white flowers very late.	3 to 4 ft. 4 to 5 ft.	1.25 1.50	12.00 14.00
— S. josikea, Hungarian Lilac , 9 to 10 ft. Dark, glossy foliage. Purplish-violet flowers in June.	18 to 24 in. 2 to 3 ft. 3 to 4 ft.	.60 .75 1.00	5.00 7.00 9.00
— S. henri letece, Henry Lutece Lilac , 8 to 10 ft. Huge clusters of rose-purple flowers very late.	2 to 3 ft. 3 to 4 ft.	1.25 1.50	12.00 14.00
— S. microphylla , 6 to 8 ft. Slender, arching branches. Pale lavender flowers in June and again in Autumn.	18 to 24 in. 2 to 3 ft.	1.50 2.00	-----
— S. persica, Persian Lilac , 8 to 10 ft. Pale lilac flowers in late May very freely. Leaves small, twigs fine and arching.	18 to 24 in. 2 to 3 ft. 3 to 4 ft.	.60 .75 1.00	5.00 7.00 9.00
— S chinensis (Rothmagenesis), Rouen Lilac , 6 to 10 ft. Violet flowers, slender arching branches. Very profuse blooming.	18 to 24 in. 2 to 3 ft. 3 to 4 ft.	.60 .75 1.00	5.00 7.00 9.00
— S. chinensis alba (Rothmagenesis alba) Resembles above except color is almost white. One of the best of all the lilaes.	2 to 3 ft. 3 to 4 ft.	1.00 1.25	-----
— S. villosa, Late Lilac , 7 to 8 ft. Pale pinkish-lilac. June. Scented.	18 to 24 in. 2 to 3 ft.	1.00 1.25	8.00 10.00
“FRENCH LILACS”, named varieties.			
— Charles Tenth Single, purplish-red.	18 to 24 in. 2 to 3 ft.	1.00 1.25	
— Dr. Von Regal Single, rose-mauve.	18 to 24 in. 2 to 3 ft.	1.00 1.25	
— Jacques Calot Single, delicate rosy pink.	2 to 3 ft.	1.25	
— Jean Bart Double, rose-violet, carmine buds.	2 to 3 ft. 3 to 4 ft.	1.25 1.75	
— Louis Henry Double, rosy-lilac.	2 to 3 ft.	1.25	
— Louvain, Lovaniensis Single, silvery pink.	18 to 24 in. 2 to 3 ft.	1.00 1.25	

DECIDUOUS TREES AND SHRUBS—Continued

		Size	Each	Per 10
— Ludwig Spaeth	Single, very dark reddish purple. A very popular variety.	18 to 24 in. 2 to 3 ft.	\$1.00 1.25	
— Mme. Casimir Perier	Double, white.	3 to 4 ft.	1.75	
— Mme. Lemoine	Double, large, pure white.	18 to 24 in. 2 to 3 ft.	1.00 1.25	
— Michael Buchner	Double, pale lilac.	18 to 24 in. 2 to 3 ft.	1.00 1.25	
— Oliver de Sierres	Double, pale bluish-lilac.	18 to 24 in. 2 to 3 ft.	1.00 1.50	
— Philemon	Single, dark reddish purple.	18 to 24 in. 2 to 3 ft.	1.00 1.25	
— Pres. Grevy	Double, very fine, blue.	18 to 24 in. 2 to 3 ft.	1.00 1.25	
— Pres. Viger	Double, purplish-blue.	18 to 24 in. 2 to 3 ft. 3 to 4 ft.	1.00 1.25 1.50	
— Prince de Beauvau	Double, violet.	18 to 24 in. 2 to 3 ft.	1.00 1.25	
— Royal Blue, Coerulea	Single, blue.	18 to 24 in. 2 to 3 ft.	1.00 1.25	
— Rubella Flora Plena	Double, light lavender.	2 to 3 ft. 3 to 4 ft.	1.00 1.50	
— Rubra de Marley	Double, reddish-purple.	2 to 3 ft. 3 to 4 ft.	1.00 1.25	
— Statgartner Rothpelz	Double, reddish-purple.	2 to 3 ft. 3 to 4 ft.	1.25 1.50	
— Wm. Robinson	Double, violet-pink.	2 to 3 ft. 3 to 4 ft.	1.25 1.75	
LINDEN —American, <i>Tilia americana</i> , 60 to 80 ft.	Large leaves. Splendid shade tree.	5 to 6 ft. 6 to 8 ft.	2.00 2.50	
LOCUST —Honey, Thornless, 60 to 70 ft.		3 to 4 ft. 4 to 5 ft.	.75 1.00	\$6.00
MAPLE —Hard or Sugar, 50 to 75 ft.	One of the best shade trees which colors brilliantly in fall.	6 to 8 ft. 8 to 10 ft. 10 to 12 ft.	2.50 3.50 5.00	24.00 33.00 45.00
— Norway, Acer platanoides , 50 to 75 ft.	A splendid, dense, round-topped tree. Leaves remain green till late.	5 to 6 ft. 6 to 8 ft. 8 to 10 ft. 10 to 12 ft.	1.75 2.75 4.00 5.00	15.00 26.00 36.00 45.00

DECIDUOUS TREES AND SHRUBS—Continued

		Size	Each	Per 10
— Tartarian, Acer ginala , 8 to 15 ft.	18 to 24 in.	\$0.75	\$ 6.00	
Beautiful fine foliage, coloring most brilliant in fall. A splendid substitute for the more tender Japanese Maples.	2 to 3 ft.	1.25	10.00	
	3 to 4 ft.	1.50	12.50	
— Schwedler Purple Norway , 40 to 60 ft.	5 to 6 ft.	4.00		
Large, bright purplish-red foliage in spring, later turning bronzy green.	6 to 8 ft.	5.00		
— Striped, Acer Pennsylvanica , 20 to 25 ft.	3 to 4 ft.	1.25		
Green bark, white stripes. Acid soil.	4 to 5 ft.	1.50		
— Weirs Cut Leaved , 50 to 60 ft.	6 to 8 ft.	1.50		14.00
Finely cut-leaved form of the Soft Maple with drooping branches.	8 to 10 ft.	2.00		18.00
MOUNTAIN ASH—European , 20 to 30 ft.	4 to 5 ft.	.75		6.00
Clusters of whitish flowers in spring are followed by orange or red berries in fall. Growth upright, leaves pinnate.	5 to 6 ft.	1.00		9.00
	6 to 8 ft.	1.25		11.00
	8 to 10 ft.	1.75		16.00
— Oak Leaved	6 to 7 ft.	2.00		
Similar to above except leaves.				
MULBERRY—Russian , 25 to 40 ft.	4 to 5 ft.	.50		4.00
Rapid growing. Edible fruit attracts birds. Used for windbreaks and hedges. See Forest Tree Seedlings.	5 to 6 ft.	.60		5.00
	6 to 8 ft.	.75		6.00
— Teas Weeping , grafted heads	1 year	3.50		
OAK—Burr, Quercus macrocarpa , 75 to 80 ft.	8 to 10 ft.	5.00		
Corky branches give it a picturesque appearance.	10 to 12 ft.	6.00		
— Pin, Quercus palustris , 70 to 90 ft.	4 to 5 ft.	1.50		12.50
Grows rapidly in moist soil. Leaves are retained late and color splendidly. Transplants easier than others.	5 to 6 ft.	2.50		24.00
	6 to 7 ft.	3.00		28.00
	7 to 8 ft.	4.00		35.00
OLIVE—Russian , 15 to 20 ft.	3 to 4 ft.	.60		5.00
Leaves and young growth covered with silvery scales. Fragrant yellow flowers. Makes a good tall hedge.	4 to 5 ft.	.75		7.00
	5 to 6 ft.	1.00		9.00
	6 to 7 ft.	1.25		11.00
PERSIMMON , from Iowa Seed, 12 to 15 ft.	3 to 4 ft.	.75		6.50
Splendid dark green foliage, edible fruit in late fall.	4 to 5 ft.	1.00		9.00
	5 to 6 ft.	1.50		12.50
PHILADELPHUS , Mockorange, Syringa.				
— avalanche, Dwarf Mockorange , 4 to 5 ft.	18 to 24 in.	.50		4.50
Very fragrant. Gracefully arching.	2 to 3 ft.	.60		5.50
— banniere , 6 to 10 ft.	18 to 24 in.	.50		4.00
Semi-double, creamy-white flowers in early spring.	2 to 3 ft.	.60		5.00
	3 to 4 ft.	.75		6.00

DECIDUOUS TREES AND SHRUBS—Continued

	Size	Each	Per 10
— bouquet blanc , White Boquet Mockorange , 4 to 5 ft. —————— Compact. Blooms freely, late May.	18 to 24 in. 2 to 3 ft.	\$.60 .75	\$5.50 7.00
— coronarius , Common Mockorange , 8 to 10 ft.—— Single white fragrant flowers in great abundance in May-June.	18 to 24 in. 2 to 3 ft. 3 to 4 ft.	.40 .50 .60	3.50 4.50 5.00
— — nana , 4 ft. —————— A dwarf compact form of the above.	12 to 15 in. 15 to 18 in. 18 to 24 in.	.40 .50 1.00	3.50 4.50 9.00
— — aurea , Golden Mockorange , 4 to 5 ft.—— A compact dwarf form with golden leaves.	12 to 15 in. 15 to 18 in. 18 to 24 in.	.60 .75 1.00	5.00 7.00 9.00
— lemoine , Lemoine Mockorange , 4 to 5 ft.—— Compact growing. Sweetly fragrant.	18 to 24 in. 2 to 3 ft.	.50 .60	4.50 5.50
— virginale , Virginale Mockorange , 7 to 8 ft.—— Large, semi-double, fragrant flowers a long time.	18 to 24 in. 2 to 3 ft.	.75 1.00	7.00 9.00
PHOTINIA villosa , Christmas berry , 8 to 12 ft.—— White flowers in June. Scarlet berries till midwinter. Needs protection.	2 to 3 ft. 3 to 4 ft.	1.00 1.25	8.00 10.00
PHYSOCARPOS opulifolia aurea , Golden Ninebark , 9 to 10 ft.—— White flowers in spring. Red seed pods in fall. New growth pale golden yellow.	18 to 24 in. 2 to 3 ft. 3 to 4 ft. 4 to 5 ft.	.40 .50 .60 .90	3.50 4.00 5.00 8.00
— monogynus , Dwarf Colorado Ninebark , 4 to 6 ft.—— Compact, fine-twiggled, small clear green foliage. A very choice shrub.	18 to 24 in. 3 to 4 ft.	.50 1.00	4.00 9.00
POPLAR — Carolina , 70 to 90 ft.—— A large, rapid-growing variety. Resembles Cottonwood but produces no seed.	6 to 8 ft. 8 to 10 ft. 10 to 12 ft.	.50 .75 1.00	4.00 6.00 9.00
— Lombardy , 50 to 70 ft.—— Strictly upright in habit. Branched to the ground. The most useful tree for accents and tall screens.	5 to 6 ft. 6 to 8 ft. 8 to 10 ft. 10 to 12 ft.	.75 1.00 1.25 1.50	5.00 8.00 10.00 14.00
POTENTILLA fruticosa , 1 to 4 ft.—— Bright yellow flowers through the summer.	12 to 18 in. 18 to 24 in.	.40 .50	3.00 4.00
PRUNUS besseyi , Sand Cherry , 4 to 6 ft.—— A mass of white flowers in spring and black plum-like fruit in fall. Endures dryest soil.	18 to 24 in. 2 to 3 ft.	.40 .50	3.00 4.00
— cestena , Hansen's Purple Leaved Plum , 6 to 8 ft.—— Bright reddish-purple foliage throughout the season. Purplish-pink blossoms. The best red leaved shrub.	3 to 4 ft. 4 to 5 ft. 5 to 6 ft. 6 to 7 ft.	.75 1.00 1.25 2.00	7.00 9.00 12.00 —

DECIDUOUS TREES AND SHRUBS—Continued

		Size	Each	Per 10
— <i>glandulosa</i> , Flowering Almond , 4 to 6 ft.	Large double pink flowers before the leaves.	18 to 24 in. 2 to 3 ft.	\$.75 1.00	\$6.50 9.00
— <i>padus</i> , May Day Tree , 20 to 30 ft.	The very earliest tree to leaf out and finish growing. Must be planted early. A mass of white flowers in early May.	3 to 4 ft. 4 to 5 ft. 5 to 6 ft. 6 to 8 ft.	1.00 1.25 1.50 1.75	9.00 11.00 14.00 -----
— <i>pennsylvanica</i> , Wild Bird or Pin Cherry , 30 to 50 ft.	Bears clusters of bright red cherries very much liked by birds.	4 to 5 ft. 5 to 6 ft.	1.00 1.25	8.00 -----
— <i>serotina</i> , Wild Black Cherry , 40 to 60 ft.	Attractive flowers, fruit and fall coloring.	4 to 5 ft. 5 to 6 ft. 6 to 8 ft.	1.00 1.25 1.50	8.00 10.00 14.00
— <i>siberica</i> , Siberian Almond , 2 to 3 ft.	Single pink flowers very early. Endures extreme cold and drouth.	12 to 15 in. 15 to 18 in. 18 to 24 in.	.50 .60 .75	4.00 5.00 7.00
— <i>subhirtella</i> , <i>sieboldi</i> and other Japanese Flowering Cherries can be supplied in limited quantities. Write for prices and sizes.				
— <i>tomentosa</i> , Nanking Cherry , 6 to 7 ft.	Pink buds and white flowers very early. Bright red edible cherries in June.	2 to 3 ft. 3 to 4 ft. 4 to 5 ft.	.75 1.00 1.25	6.50 9.00 11.00
— <i>triloba</i> , Double Flowering Plum , 7 to 8 ft.	Clear pink double flowers in April-May. Much admired by everyone.	2 to 3 ft. 3 to 4 ft. 4 to 5 ft.	.75 1.00 1.25	6.50 9.00 11.00
PTELEA trifoliata , Hop Tree , 10 to 12 ft.	Glossy, bright foliage with clusters of hop-like fruit. Moist soil.	3 to 4 ft. 4 to 5 ft. 5 to 6 ft.	.75 1.00 1.25	6.00 9.00 11.00
QUINCE —Japanese Flowering, <i>Cydonia Japonica</i> , 4 to 5 ft.	Scarlet flowers before the leaves.	12 to 18 in. 18 to 24 in. 2 to 3 ft.	.40 .50 .60	3.50 4.50 5.50
RED BUD or Judas Tree , <i>Cercis canadensis</i> , 12 to 15 ft.	Rose pink flowers in advance of the leaves. Likes rich soil. Somewhat tender while small. Endures shade.	18 to 24 in. 2 to 3 ft. 3 to 4 ft. 4 to 5 ft.	.50 .75 1.25 1.50	4.00 6.00 11.00 12.50
RHODOTYPHUS kerroides , Jetbead, White <i>Kerria</i> , 3 to 6 ft.	Single white flowers. Black shining seeds.	18 to 24 in. 2 to 3 ft.	.60 .75	5.50 7.00
ROSE ACACIA , <i>Robinia hispida</i> , 5 to 6 ft.	Large bunches bright rose colored flowers on spreading bristly branches.	18 to 24 in. 2 to 3 ft. 3 to 4 ft.	.60 .75 .90	5.00 6.00 8.00
SHEPHERDIA argentea , Buffaloberry , 12 to 15 ft.	Silvery leaves. Scarlet or yellow berries.	3 to 4 ft. 4 to 5 ft.	1.00 1.50	-----

DECIDUOUS TREES AND SHRUBS—Continued

	Size	Each	Per 10
SILVERBERRY , <i>Elaeagnus argentea</i> , 6 to 12 ft.	12 to 18 in.	\$0.50	\$4.50
Leaves broader than Russian Olive, wavy, 18 to 24 in.		.75	6.50
and more silvery, otherwise similar.			
SNOWBALL —See <i>viburnum opulus sterilis</i> .			
SNOWBERRY , <i>Symporicarpos racemosus</i> ,			
3 to 5 ft.	18 to 24 in.	.40	3.00
Endures much shade. Large white berries 2 to 3 ft.		.50	4.00
in fall. Needs moisture.			
— Red , <i>Symporicarpos vulgaris</i> , Indian Currant ,	18 to 24 in.	.30	2.50
3 to 5 ft.	2 to 3 ft.	.40	3.00
Endures densest shade and dry soil. Covered 3 to 4 ft.		.50	4.00
with small red berries in early winter.			
SORBARIA <i>arborea</i> , 10 to 12 ft.	18 to 24 in.	.75	7.00
Beautiful foliage; immense arching panicles 2 to 3 ft.		1.00	9.00
of white flowers. One of the “Aristocrats.”			
— sorbifolia , Ash Leaved Spirea , 2 to 4 ft.	18 to 24 in.	.40	3.00
Splendid foliage and plumes of fluffy white 2 to 3 ft.		.50	4.00
flowers June-August. 3 to 4 ft.		.60	5.00
SPIREA — Anthony Waterer , 2 to 3 ft.	12 to 15 in.	.40	3.50
Very compact. New growth pinkish. Pink 15 to 18 in.		.50	4.50
flowers all summer. 18 to 24 in.		.75	6.50
— arguta , Garland Spirea , 5 to 6 ft.	18 to 24 in.	.40	3.50
Small leaves. White flowers in early May. 2 to 3 ft.		.50	4.50
One of the first to bloom. 3 to 4 ft.		.60	5.50
— billardi , 4 to 6 ft.	18 to 24 in.	.40	3.50
Bright pink fluffy flowers in spikes July- 2 to 3 ft.		.50	4.00
October. Upright grower. 3 to 4 ft.		.60	5.00
— callosa alba , Spirea Japonica , 2 to 3 ft.	12 to 15 in.	.40	3.00
Similar to Anthony Waterer. but with white 15 to 18 in.		.50	4.50
flowers. 18 to 24 in.		.65	6.00
— froebelli , <i>S. bumalda</i> froebeli , Frobel's Spirea ,			
3 to 4 ft.	15 to 18 in.	.30	2.50
Resembles Anthony Waterer. More vigorous. 18 to 24 in.		.40	3.50
Purplish-red fall foliage. 2 to 2½ ft.		.50	4.50
— prunifolia , True Bridalwreath , 6 to 8 ft.	2 to 3 ft.	.50	4.50
Button-like double white flowers. May.			
— richmensis , 4 to 5 ft.	18 to 24 in.	.50	4.50
Branches arching. Flower spikes resemble 2 to 3 ft.		.60	5.00
Billardii. Larger, brighter colored, more con- 3 to 4 ft.		.75	6.00
tinuous.			
— thunbergi , Thunberg Spirea , 3 to 4 ft.	12 to 18 in.	.40	3.50
Fine feathery light green foliage. White 18 to 24 in.		.50	4.50
flowers. 2 to 3 ft.		.60	5.50
— tricocarpa , Korean Spirea , 5 to 7 ft.	12 to 18 in.	1.25	—
Similar to Van Houtti. Larger, later. 18 to 24 in.		1.50	—

DECIDUOUS TREES AND SHRUBS—Continued

		Size	Each	Per 10
— van houtti, Van Houtte Spirea , 5 to 7 ft.	Commonly called Bridalwreath. White flowers in May. Graceful habit. Thrives almost anywhere	12 to 18 in. 18 to 24 in. 2 to 3 ft. 3 to 4 ft.	\$.25 .30 .40 .50	\$2.00 2.50 3.50 4.50
— veitchii, Veitch Spirea , 8 to 10 ft.	Tall arching umbrella-like bush with dense clusters of white flowers in June-July.	18 to 24 in. 2 to 3 ft.	1.00 1.50	-----
SUMAC—Aromatic, Rhus canadensis , 4 to 5 ft.	Fragrant sumac. Beautiful aromatic leaves. Coral-red fruits in June. Endures drouth. Brilliant fall colors.	12 to 18 in. 18 to 24 in. 2 to 3 ft.	.50 .75 1.00	4.00 6.50 -----
— Cut Leaved Staghorn, Rhus typhina lacinata	Twigs velvety; foliage very finely cut. May be trained into a tree 16 ft.	18 to 24 in. 2 to 3 ft. 3 to 4 ft.	.35 .50 .75	3.00 4.50 7.00
SYCAMORE—American, Platanus occidentalis	A large tree with grayish-green, smooth bark. Large leaves. Splendid shade tree.	4 to 5 ft. 5 to 6 ft. 6 to 8 ft.	.90 1.25 1.75	8.00 10.00 15.00
TAMARIX pentandra, Blue-Green Tamarix	4 to 8 ft. Fine feathery blue-green foliage. Racemes of delicate pink flowers.	2 to 3 ft. 3 to 4 ft.	.50 .60	4.00 5.00
THORN—Thicket, Crataegus coccinea , 12 to 18 ft.	White flowers, red fruits, long spines.	3 to 4 ft. 4 to 5 ft.	1.25 1.50	10.00 12.50
VIBURNUM americanum, American Highbush Cranberry , 8 to 12 ft.	Single white flowers in April or May and bright red berries retained till spring.	12 to 18 in. 18 to 24 in. 2 to 3 ft.	.50 .60 .75	4.50 5.50 7.00
— carlesii, Fragrant V., Carles V. , 4 to 6 ft.	Cymes of deep pink buds opening pink and fading to white. Very fragrant, April. Blooms young. Very choice new shrub.	12 to 15 in. 15 to 18 in. 18 to 24 in. 2 to 2½ ft.	1.50 2.00 2.50 3.00	12.50 17.50 22.50 27.50
— cassinoides, Witherod , 5 to 7 ft.	Cymes of creamy-white flowers. Berries green, then pink and blue-black. Fall foliage most brilliantly colored. Likes moisture.	18 to 24 in. 2 to 3 ft.	.80 1.00	7.50 9.00
— dentatum, Arrowwood , 5 to 6 ft.	Upright branches. Good foliage with gorgeous fall coloring. Creamy-white flowers. Berries small, black, much liked by birds in September. Thrives in moist or dry soil and some shade.	12 to 18 in. 18 to 24 in. 2 to 3 ft. 3 to 4 ft.	.30 .40 .50 .60	2.50 3.50 4.50 5.50
— lantana, Wayfaring Tree , 10 to 15 ft.	Flowers in flat clusters in June-July. Fruit red changing to black. Leaves very thick, wrinkled, remain green till late.	12 to 18 in. 18 to 24 in. 2 to 3 ft. 3 to 4 ft.	.50 .60 .75 1.00	4.00 5.00 7.00 9.00

DECIDUOUS TREES AND SHRUBS—Continued

		Size	Each	Per 10
— <i>lentago</i> , Nannyberry, Sweet V. , up to 30 ft.	Good foliage, large cymes of white flowers. Edible black berries. Likes moist soil.	2 to 3 ft. 3 to 4 ft. 4 to 5 ft.	\$.75 .90 1.25	\$7.00 8.00 -----
— <i>opulus</i> , High Bush Cranberry , 6 to 10 ft.	The fruiting form of the common Snowball. Bright scarlet berries in late summer and fall.	18 to 24 in. 2 to 3 ft.	.75 1.00	7.00 9.00
— <i>opulus sterilis</i> , Snowball , 5 to 8 ft.	An old, well known shrub. Large balls of white flowers, producing no fruit or seeds.	18 to 24 in. 2 to 3 ft. 3 to 4 ft.	.50 .75 1.00	5.00 7.00 8.50
VITEX macrophylla , Chaste-tree , 3 to 4 ft.	Lavender-blue racemes, July-October. Needs good protection.	2 yr. plants	.90	-----
WEIGELIA—Eva Rathke, Red Flowered Weigelia	4 to 6 ft. Rich reddish-purple flowers June-August.	2 to 3 ft.	.75	7.00
— <i>rosea</i> , Pink Weigelia , 4 to 6 ft.	Mass of pink in June. Needs protected place.	18 to 24 in. 2 to 3 ft.	.40 .50	3.50 4.50
WILLOW—Laurel Leaved, <i>Salix pentandra</i>	20 to 30 ft. Broad shining dark green leaves. Wide branching.	5 to 6 ft. 6 to 8 ft.	.75	6.00
— Niobe Weeping , 40 to 50 ft.	Golden yellow bark; long pendulous branches. Strikingly beautiful at all seasons.	3 to 4 ft. 5 to 6 ft.	.50 .90	4.50 8.00
— Pussy, <i>Salix caprea</i> , 10 to 20 ft.	Good foliage. Large, silvery pink catkins with yellow stamens in early spring. Fine for forcing.	3 to 4 ft. 4 to 5 ft. 5 to 6 ft.	.75 .90 1.25	6.50 7.50 10.00
— Ural, Siberian Hedgewood , 4 to 6 ft.	Fine reddish twigs, bluish-green leaves.	18 to 24 in. 2 to 3 ft.	.40 .50	3.00 4.00
WITCH HAZEL, <i>Hamamelis virginiana</i>	10 to 12 ft. Interesting yellow flowers in October-November. Best in moist, half-shady places.	18 to 24 in. 2 to 3 ft.	.50 .75	4.50 7.00

HEDGE PLANTS

(See also Arborvitae and Spruce under Evergreens, and Russian Mulberry under Forest Tree Seedlings)

BARBERRY—Japanese, *Berberis thunbergi*. Brilliant red berries and fall foliage. An unexcelled thorny hedge plant for trimmed or untrimmed hedge.

	Size	Each	Per 10	Per 100
Seedlings	6 to 9 in.	-----	-----	\$ 5.00
Seedlings	8 to 10 in.	-----	-----	7.00
2-year branched	12 to 15 in.	\$0.25	\$1.50	14.00
2-year branched	15 to 18 in.	.30	2.00	18.00
Heavy 3-year	18 to 24 in.	.35	2.50	22.50
Heavy 3-year	2 to 2½ ft.	.50	4.50	35.00

PRIVETS, *Ligustrum*

— Amur River North , 12 to 14 ft.	12 to 18 in.	.20	1.25	10.00
Upright growing. Privets are best for closely trimmed hedges.	18 to 24 in.	.25	1.50	12.50
	2 to 3 ft.	.30	2.00	16.00
— Regals, True Type , 5 to 6 ft.	18 to 24 in.	.35	3.00	25.00
Low, dense shrub, horizontal branches.	2 to 2½ ft.	.45	4.00	30.00
	2½ to 3 ft.	.50	4.50	35.00

CLIMBING VINES

(The No. 1 grade are heavy two or three year plants and the medium grade good but lighter plants)

	Size	Each	Per 10
AMPELOPSIS—englemanni, Engleman Ivy	No. 1	\$0.50	\$4.00
Hardiest vine clinging to smooth walls.	Medium	.35	2.50
— veitchii, Boston Ivy	No. 1	1.00	9.00
Very refined but less hardy than above.	Medium	.60	5.00
ARISTOLOCHIA, Dutchman's Pipe	No. 1	1.25	-----
Large leaved form.			
BITTERSWEET—American, <i>Celastrus scandens</i>	No. 1	.50	4.50
Well known native twining vine; large red and orange berries.	Medium	.35	2.50
— Oriental, <i>Celastrus orbiculatus</i>	No. 1	.50	4.50
Similar to above. Very fruitful.	Medium	.35	2.50

CLEMATIS. All like cool, well drained, but moist, limestone soil, in sun.

— henryi . Very large, creamy white	No. 1	1.25	-----
— jackmanni . Large, violet purple	No. 1	1.25	-----
— Mad. Ed. Andre . Large, velvety red	No. 1	1.25	-----
— paniculata, Japanese Clematis	No. 1	.50	4.50
Great masses of small fragrant white flowers in September. Hardiest of all.	Medium	.30	2.50

CLIMBING VINES—Continued

		Size	Each	Per 10
		No. 1	\$0.50	\$4.50
— <i>texensis, coccinea</i>	Carmine, fleshy, bell-shaped flowers. June-Oct.			
HONEYSUCKLE—Scarlet Trumpet, Lonicera				
<i>sempervirens</i>	Almost evergreen. Long coral red flowers continuously. Excellent for cutting.	No. 1	.50	4.00
<i>Halls, Lonicera japonica halliana</i>	White changing to yellow, fragrant. June-Sept.	Medium	.30	2.50
HOP VINE—Common, Humulus lupulus		No. 1	.50	4.50
MATRIMONY VINE, Lycium barbarum.	Red fruits	No. 1	.50	4.50
TRUMPET VINE, Bignonia radicans	Large red and orange trumpets through summer.	No. 1	.50	4.50
— WISTARIA—Chinese, Wistaria sinensis.				
— Purple.	Long bunches bluish-purple, May	No. 1	.50	4.50
— White.	A white flowered form	No. 1	.60	5.00

ROSES

All plants offered are two-year field-grown bushes. One-half or more of the tops should be cut off and the bushes planted a little deeper than they stood in the Nursery.

CLIMBING ROSES

(All need winter protection except as noted)

ALIDA LOVETT , 75c:	Bright shell pink, yellow base.
AMERICAN PILLAR , 75c:	Immense clusters; large, single; bright crimson, lighter center.
BALTIMORE BELLE , 50c:	Blush-white, an old favorite, rather tender.
CRIMSON RAMBLER , 50c:	Bright red, large clusters, the most popular climber.
CLIMBING AMERICAN BEAUTY , 75c:	Large rich carmine, somewhat fragrant.
DR. VAN FLEET , 75c:	Light pink, perfectly formed, pointed buds, long stems.
DOROTHY PERKINS , 50c:	Delicate pink, large clusters, vigorous and healthy.
EXCELSA , Red Dorothy Perkins, 50c:	Lighter red than Crimson Rambler, but more vigorous, and very healthy foliage.
FLOWER OF FAIRFIELD , 75c:	The so-called ever-blooming crimson rambler.
HEART OF GOLD , 90c:	Single velvety crimson with bright golden stamens.
HIAWATHA , 50c:	Single, deep crimson with yellow center, very fragrant.
LADY DUNCAN , 90c:	Pure pink, cross of Rosa Rugosa and Rosa Wichuriana. Perfectly prostrate and hardy. Highly recommended for a ground cover.
MARY WALLACE , 75c:	Semi-double rose-pink, salmon base.
MAX GRAF , 90c:	Large, single, shining pink, prostrate, creeping rugosa hybrid. Excellent ground and rock cover, needs no protection.
PAUL'S SCARLET , 90c:	Large, bright, pure red, semi-double, in clusters.
PRAIRIE QUEEN , 50c:	Large globular, bright pink, one of the hardiest climbers.
ROSA SETIGERA , 50c:	The wild prairie rose, clusters of large, single, pink flowers and bright red hips. Canes 6 to 8 feet, arching.
ROSIERE , 75c:	A darker colored Tausendschön, or Thousand Beauties.
TAUSENDSCHON , 75c:	Large clusters ranging from bright pink to pure white.
WHITE DOROTHY PERKINS , 50c:	The hardiest pure white climbing rose.
WICHURIAN , Memorial, 50c:	Glossy foliage with very fragrant, creamy white single flowers, prostrate grower.

HARDY ROSES

(Varieties which need no winter protection in Central Iowa)

BLANC DOUBLE DE COUBERT, 75c: A low-growing bush, snow white flowers, constant blooming, double, rugosa hybrid.

CABBAGE, 50c: Large, double, fragrant pink flowers in June only.

GROOTENDORST, 90c: Hybrid of Rugosa X Baby Rambler; semi-double, small fringed, bright red roses in clusters produced continually. Perfectly hardy, good hedge variety. Each flower resembles a carnation.

HARRISON YELLOW, 90c: Small bright yellow, early in spring, perfectly hardy.

HENRI MARTIN, 75c: Rosy red, mossed heavily, fragrant.

HUGONIS, 90c: 5 to 7 ft. A tall, graceful, spring flowering shrub with small leaves and masses of pale yellowish single flowers early in spring.

MAD. PLANTIER, 50c: Pure white, almost thornless, blooms in spring only.

PARFUM DE L'HAY, 90c: Bright red, double, rugosa hybrid.

PERSIAN YELLOW, 90c: Deepest yellow, Austrian Brier.

PINK GROOTENDORST, \$1.00: A pink form of Grootendorst.

ROSA blanda, 75c: 4 to 5 ft. Single pink, splendid shrub, bright red hips.

ROSA lucida, 75c: Bright pink, 5 to 6 ft., shining foliage, bright red hips.

ROSA multiflora cathayensis, 50c: Clusters of soft pink single roses, very vigorous and hardy.

ROSA rubrifolia, 75c: A shrubby, 5 to 6 ft. perfectly hardy bush with reddish foliage, pink flowers, and a profusion of red hips, prefers partial shade.

ROSA rugosa, 75c: 5 to 7 ft., single, large bright red; wrinkled, tough foliage; continuous bloomer, very large crimson hips. Good shrub or hedge plant.

ROSA rugosa alba, 75c: 4 to 5 ft., white form of Rosa rugosa.

SALET, 75c: Moss, large full rose pink.

SEVEN SISTERS, 50c: Double large, varying from light red to white.

SWEET BRIAR, 90c: Pink flowers, fragrant foliage.

WHITE MOSS, 75c: Large, pure white, fragrant, heavily mossed.

OTHER ROSES

H. T. means Hybrid Tea; H. P. means Hybrid Perpetual. All these should have winter protection. The Baby Ramblers and H. T.'s are the most constant bloomers.

AMERICAN BEAUTY, 90c: H. P., large globe shaped, crimson.

BABY RAMBLERS, Polyanthas. Dwarf growing bushes, profuse bloomers.

Named Varieties:

Clotilde Soupert, 90c: Very full, pearly white shaded pink.

Golden Salmon, \$1.00: Reddish orange, very striking, new.

Gruss an Aachen, 90c: Very large, light rose overlaid with yellow.

Jessie, 90c: Glowing crimson with white eye.

Lafayette, 90c: Large, brilliant cherry-crimson flowers continuously.

Orleans, 90c: Geranium red with rose tint.

BETTY UPRICHARD, 90c: H. T., semi-double, large, ruffled. Outside of petals brilliant orange-carmine, inside soft salmon.

COLUMBIA, 90c: H. T., large, fragrant, continuous blooming, bright pink.

CONRAD F. MEYER, 90c: Hybrid Rugosa, delicate pink, tall upright grower.

EDWARD MAWLEY, 90c: H. T., very dark velvety crimson, most fragrant.

ETOILE De FRANCE, 90c: H. T., large cupped, velvety crimson, very fragrant.

ETOILE De HOLLAND, \$1.00: H. T., large brilliant crimson-red.

FEU JOS. LOOYMANS, \$1.00: H. T., yellow, vivid apricot center, long pointed buds.

ROSES—Continued

FRAU KARL DRUSCHKI, 75c: H. P., the very purest white, continuous bloomer.

GEN. JACQUEMINOT, 75c: H. P., scarlet-crimson, early and fragrant.

GEN. McARTHUR, 90c: H. T., sweetly scented, brilliant crimson scarlet.

GEO. AREND'S (Pink Druschki), 75c: H. P., excellent, large, fragrant, pink.

GOLDEN PERNET, \$1.25: Bright golden yellow, no fading, good foliage, vigorous.

GRUSS AN TEPLITZ, 90c: H. T., velvety crimson-scarlet, the most continuous bloomer, hardy and vigorous.

J. B. CLARK, 75c: H. P., very large, intense scarlet; vigorous grower.

JOHN HOPPER, 75c: H. P., large rose-red, fragrant, medium grower.

KAISERIN AUGUSTA VICTORIA, 90c: H. T., creamy white, fragrant, very fine.

LADY HILLINGDON, 90c: H. T., long pointed buds opening apricot yellow.

LADY MARGARET STEWART, \$1.25: H. T., golden yellow shaded and streaked orange and red, new.

LOLITA ARMOUR, 90c: H. T., large, fragrant, chrome-yellow shaded salmon.

LOS ANGELES, 90c: H. T., coral pink shaded coppery gold, moderately hardy.

LUXEMBURG, 90c: H. T., large, rich coppery yellow, vigorous and free blooming.

MAGNA CHARTA, 75c: H. P., very large, rosy pink, tinted carmine.

MME. ALBERT BARBIER, \$1.00: H. P., creamy white shaded salmon, very prolific. One of the best new roses.

MME. BUTTERFLY, 90c: H. T., a more brilliant Ophelia, continuous bloomer.

MRS. CHAS. BELL, 90c: H. T., like Radiance except that it is a very delicate light salmon pink. Healthy foliage and vigorous.

MRS. HENRY BOWLES, 90c: H. T., a new rose, deep salmon pink. Very vigorous and productive.

MRS. HENRY MORSE, 90c: H. T., delicate shades of pink.

MRS. JOHN LAING, 75c: Large, soft pink, pointed buds, vigorous grower.

OPHELIA, 90c: H. T., salmon-flesh, fragrant, long stems, very productive.

PAUL NEYRON, 75c: H. P., very largest, clear pink, fragrant, thornless.

PRINCE CAMILLE De ROHAN, 75c: H. P., dark blood red, large, fragrant.

RADIANCE, 90c: H. T., fine salmon pink, long stems, very productive and healthy.

RED RADIANCE, 90c: H. T., deep red, finest form, extremely productive.

ROSE MARIE, 90c: H. T., clear rose pink, long pointed buds.

SUNBURST, 90c: H. T., bright orange-yellow with paler edge.

SOUV. D' CLAUDIUS PERNET, 90c: Per., H. T., deep yellow.

ULRICH BRUNER, 75c: H. P., large, fragrant, cherry red, vigorous.

WILLOWMERE, 90c: Per., very large, double, rich shrimp pink shaded yellow.

PEONIES

A stock of the more expensive varieties is not kept in storage for late spring planting, so any orders for them which come too late for spring digging will be held till September, which is the best time for planting Peonies.

The figures after the price of each variety is its rating by the American Peony Society, and is made on a basis of 10.0 being perfect. The prices are for standard divisions of 3-5 eyes or buds. Other sizes furnished on this basis.

ADDIELANCHEA, \$3.00, 8.8: Creamy white, base of petals yellow, late.

ADOLPHE ROSSEAU, \$1.00, 8.5: Dark red shaded maroon with yellow stamens. Tall, early.

AGNES M. KELWAY, 40c, 6.0: Early, pale rose with creamy center.

PEONIES—Continued

ASA GRAY, \$1.00, 8.1: Mid-season, pale pink with carmine dots.

AUGUSTIN D' HOUR, 75c, 7.8: Tall, mid-season, rich scarlet purple.

avalanche, 75c, 8.7: Late, very fine blush white. Extremely productive.

BARONESS SCHROEDER, \$1.00, 9.0: Late, flesh color fading white.

CHESTINE GOUDY, \$1.00, 8.4: Large, late, outer petals pink, collar creamy-white, center pink streaked crimson.

CLAIRE DUBOISE, \$1.00, 8.7: Tall, late, fine pink with glossy reflex.

CORNELIA SHAYLOR, \$8.00, 9.1: Tall, late, flesh-white, darker center.

COURONNE D' OR, 50c, 8.1: Late, white with yellow stamens.

DELACHEI, 75c, 7.1: Late, brilliant dark maroon.

DENIS HELYE, 50c, 6.3: Mid-season brilliant red.

E. B. BROWNING, \$3.50, 9.2: Very large, very late, white, opening with slight tinge of pink.

EDULIS SUPERBA, 50c, 7.6: Very early, bright pink.

ELWOOD PLEAS, \$2.00, 8.7: Late, light shell-pink.

ENCHANTRESSE, \$3.50, 8.9: Very late, creamy white.

FELIX CROUSSE, 75c, 8.4: Late mid-season, brilliant crimson.

FESTIVA MAXIMA, 50c, 9.3: Early, pure white, tipped carmine.

FRANCIS WILLARD, \$2.00, 9.1: Perfectly formed, very large, white.

FRANCOISE ORTEGAT, 75c, 6.7: Mid-season, deep crimson.

GEORGIANA SHAYLOR, \$3.00, 8.9: Late mid-season, large, pale pink.

GOLDEN HARVEST, 40c, 7.3: Mid-season, pink, creamy white center.

GRANDIFLORA, 50c, 8.8: Late, very large, bright pink.

GROVER CLEVELAND, \$1.00, 8.2: Late, large, dark crimson.

H. F. REDDICK, \$1.00, 7.7: Mid-season, brilliant crimson.

JENNY LIND, 50c, 7.8: Tall, mid-season, light pink interspersed with white.

JUBILEE, \$2.50, 8.9: Very tall, white with delicate pink center.

KARL ROSENFIELD, \$1.00, 8.8: Mid-season, rich blood red.

KATHERINE HAVEMEYER, \$12.00, 9.0: Mid-season, large, light rose pink.

KELWAYS GLORIOUS, \$6.00, 9.8: White, very early, lasting, very finest kind.

LADY ALEXANDER DUFF, \$2.00, 9.1: Blush pink fading white, with yellow stamens.

LA FEE, \$7.00, 9.2: Very largest, loose flowers of various shades of pink.

LA TULIE, 50c, 7.5: Flesh pink fading white, red markings.

LE CYGNE, \$6.00, 9.9: Early, pure white, has the very highest rating.

LILLIAN GUMM, \$5.00, 8.8: Very large, deep rose pink.

LIVINGSTONE, 75c, 8.1: Late, deep pink, fine cut flower.

LONGFELLOW, \$2.00, 9.0: The most brilliant red, mid-season.

LORA DEXHEIMER, \$2.00, 8.4: Intense crimson, early, some yellow stamens.

LOUIS VAN HOUTTI, 50c, 6.9: Bright violaceous red.

MARECHAL VALLIANT, 50c, 7.5: Very large, late, purplish red.

MARIE JACQUIN, \$1.50, 8.3: Semi-double, white with yellow stamens.

MARIE LEMOINE, \$1.00, 8.5: Very late, ivory white.

MARTHA BULLOCK, \$5.00, 9.1: Tall, very large, rosy pink.

MILTON HILL, \$3.00, 9.0: Late, light shell pink.

MIRIELLE, \$1.00, 7.7: Very late, milk white.

MME. DE VERNEVILLE, 50c, 7.9: Mid-season, white, very choice cut flower.

MME. EMILE GALLE, \$1.00, 8.5: Late, pale pink, shaded lilac-rose.

PEONIES—Continued

MME. JULES DESSERT, \$2.50, 9.4: Large, creamy white shaded buff and salmon.

MODISTE GUERIN, 75c, 7.8: Mid-season, deep lustrous pink.

MONS. JULES ELIE, \$1.00, 9.2: Early, glossy pink, extra fine.

MONS. MARTIN CAHUZAC, \$2.00, 8.8: Early, darkest deep maroon.

MRS. ED. HARDING, \$6.00, 9.3: Large, white, early, tall, stiff stems.

NINA SECOR, \$5.00, 9.0: Pure white with yellow glow.

OFFICINALIS ROSEA, \$1.50: Very earliest, always in May, rose pink.

OFFICINALIS RUBRA PLENA, \$1.00: Very earliest, bright crimson.

OFFICINALIS TENUIFOLIA, \$1.50: Fern leaved, very earliest, bright crimson.

PASTEUR, \$2.00, 8.4: Mid-season, very soft pink.

PHILLIPE RIVOIRE, \$8.00, 9.2: Late, fragrant, bright crimson.

PRES. ROOSEVELT, \$1.00, 7.7: Mid-season, deep red.

PRES. WILSON, \$15.00, 9.3: Late, large, soft shell pink.

PRIMEVERE, \$2.00, 8.6: Mid-season, tall, creamy yellow.

RACHEL (Terry's), 75c, 7.9: Mid-season, brightest ruby red.

RICHARD CARVEL, \$3.50, 8.8: Early, very bright crimson.

ROSA BONHEUR, \$3.50, 9.0: Light violet-rose, flecked crimson.

RUBRA TRIUMPHANS, 50c, 6.6: Early, red with yellow stamens.

SARAH BERNHARDT, \$1.50, 9.0: Very large, rose pink, vigorous and productive.

SARAH K. THURLOW, \$8.00, 9.1: Very late, opens delicate pink becoming pure white.

SOLANGE, \$2.00, 9.7: Mid-season, white shaded salmon.

SPLENDIDA, \$2.00, 8.3: Tall, late, pink fading white.

THERESE, \$2.50, 9.8: Mid-season, delicate satiny pink.

TOURANGELLE, \$2.00, 9.4: Creamy-buff with salmon tints.

WALTER FAXSON, \$2.50, 9.3: Mid-season, distinct bright salmon rose.

JAPANESE VARIETIES

AKALU, \$2.00, 8.1: Carmine red with center saffron yellow, striped carmine.

ALMA, \$2.00, 8.5: Light pink petals, center canary yellow.

AMA-NO-SODE, \$8.00, 9.2: Rose pink, ruffled, center yellow, stamens rose.

ATTRACTION, \$1.50, 8.2: Vivid red, center violet-crimson with creamy pink base.

FLAMBOYANT, \$1.50, 8.5: Light crimson, center yellow tinged white.

FUYAJO, \$5.00, 9.2: Dark purplish crimson, center dark old-rose tipped pale buff.

GYPSY, \$1.50, 8.0: Dark wine red, center same bordered buff.

KING OF ENGLAND, \$3.50, 8.6: Large, tall, quite early, rich ruby-red with narrow golden center petals.

MIKADO, \$2.00, 8.6: Dark crimson with center crimson, tipped gold.

SEIRIU SOMAE, \$1.50, 8.2: Creamy white, center crinkled, pale yellow.

SNOW WHEEL, \$4.00, 8.3: Pure white throughout.

TORPILLEUR, \$2.50, 8.0: Deep rose red, center tipped cream.

SINGLE VARIETIES

ANOMALE, \$2.00: Bright red, very earliest.

MAFEKING, \$2.00, 8.2: Dark ruby-red, yellow center.

STANLEY, \$1.00, 7.8: Large, dark brilliant crimson.

SINGLE RED, 50c: Unnamed, very early.

THE BRIDE, \$1.50, 8.4: Large, white with yellow center.

WHITE SWAN, \$1.50, 8.5: White with yellow center.

IRIS

Bearded Iris may be planted almost any time, but preferably not at or just previous to blooming time, and should be planted shallow, on dry, well drained, neutral or limestone soil. Siberian varieties and other fibrous rooted kinds endure moisture and more acid soil, and should not be moved during the hot summer months. The effect is better if a group of one kind or color is planted rather than single plants of many colors.

Quantity Rates. Kinds priced at:

10c each are	\$0.60 per 10 and	\$ 4.00 per 100 fans
15c each are	.80 per 10 and	6.00 per 100 fans
20c each are	1.00 per 10 and	8.00 per 100 fans
25c each are	1.50 per 10 and	12.00 per 100 fans

S. denotes standards, the upright part of the flower; and F., falls.

DWARF BEARDED IRIS, very early, fine for borders and rockeries.

Cyanea, 10c: S., rich blue; F., dark satiny purple, 6 inches high.

Schneekuppe, 30c: S. and F., pure white, 6 to 10 inches, very fine.

Excelsa, 30c: S. and F., deep clear yellow, 8 inches.

INTERMEDIATE BEARDED IRIS: Intermediate in height and season of blooming.

Helge, 15c: S. and F., lemon yellow with pearl shadings, large.

Ingeborg, 25c: S. and F., very fine, large, pure white.

Walhalla, 15c: S., light blue; F., velvety violet purple.

Maori King, 25c: S., richest golden yellow; F., velvety maroon.

TALL BEARDED IRIS:

Afterglow, 35c: S. and F., delicate greyish pink shaded yellow.

Blue Jay, 30c: S., clear blue; F., dark blue.

Celeste, 20c: S. and F., clear azure blue.

Dalila, 30c: S., coppery bronze; F., velvety crimson.

Darius, 20c: S., canary yellow; F., lilac margined white.

Dr. Bernice, 20c: S., coppery bronze; F., velvety crimson.

Dream, 35c: Almost pink throughout.

Flavescens, 15c: S. and F., pale sulphur yellow, sweetly scented.

Her Majesty, 20c: S. and F., rose pink.

Hiawatha, 20c: S., pale lavender; F., royal purple.

Honorabilis, 10c: S., golden yellow; F., brownish mahogany.

Juniata, 25c: S., arching; F., flaring, clear blue throughout.

Latendresse, 10c: S. and F., ageratum blue throughout.

Lent A. Williamson, 45c: S., lavender violet; F., royal purple.

Loreley, 20c: S., light yellow; F., blue bordered cream.

Mariposa, 50c: S., French gray; F., flaked purple.

Mary Garden, 20c: S., pale yellow flushed lavender; F., creamy dotted.

Midwest, 40c: S. and F., ruffled, dotted, and blushed rose on a white ground.

Mme. Chereau, 10c: S. and F., white frilled pale blue, tall and late.

Mme. Chobaut, 35c: Pale yellow, shaded and veined brown.

Mme. Pacquette, 20c: S. and F., bright rosy claret, ruffled, tall.

Mother of Pearl, 40c: S. and F., pale bluish lavender, delicately tinted.

Monsignor, 20c: S., deep violet; F., purplish crimson, veined darker.

Morning Splendor, \$1.50: S., rich red violet; F., darker. Claimed to be the best American Iris.

IRIS—Continued

Nibelungen, 20c: S., fawn; F., violet purple, veined purple.
Nokomis, 20c: S., pale lavender white; F., deep violet blue.
Pallida Delmatica, 25c: S. and F., light lavender violet.
Parc de Neuilly, 30c: S. and F., rich plum purple, large.
Perfection, 20c: S., light blue; F., dark violet.
Princess Beatrice, 50c: A selected variety of Pallida Delmatica.
Princess Victoria Louise, 25c: S., sulphur yellow; F., rich plum bordered cream.
Prosper Laugier, 25c: S., light bronze red; F., velvety Bordeaux.
Quaker Lady, 25c: S., smoky lavender; F., ageratum blue and old gold.
Rheine Nixe, 20c: S., clear white; F., violet blue, edged white.
Shekinah, 40c: S. and F., beautiful soft yellow, tall.
Sherwin Wright, 20c: S. and F., golden yellow.
Seminole, 40c: S., lilac red; F., velvety crimson.
Silver King Florentina, 15c: S. and F., white slightly tinted lavender.
Souvenir De Mme. Gandichau, 75c: S. and F., brilliant black purple.
Storm Cloud, 30c: S., slaty-grey; F., purplish; very large.
Sunset, 75c: Buff with gold and purple.
Swatara, 50c: S., lobelia blue suffused yellow; F., violet.
Sweet Lavender, 75c: S., lavender; F., deeper rose lavender.
Virginia Moore, 50c: S., bright yellow; F., yellow with veins, very late.
Zua, 40c: S. and F., delicate lavender white, ruffled like fine crepe.

MISCELLANEOUS BEARLESS IRIS: More permanent, less susceptible to disease, and prefer moister soil with less lime than the Bearded Iris.
Crested Iris, I. cristata, 25c: Creeping, 6 in., lavender flowers marked white and orange. For cool acid soil in semi-shade.
Vesper Iris, I. dichotoma, 25c: 3-4 ft., much branched stems, light lavender flowers in afternoons for four weeks in August and September.
Water Iris, I. pseudacorus, 30c: 2-3 ft. Bright yellow. For the waterside.
Dorothy K. Williamson, 50c: 30 in. Gorgeous velvety vivid purple.
Foliosa, 35c: Large, broad flowers, clear violet blue flowers down among the leaves. Likes deep rich soil and part shade.
Ensata, 30c: Makes thick clumps or tussocks of handsome narrow foliage; delicate pale primrose flowers.
Mrs. A. W. Tait (Longipetala superba), 30c: 3-4 ft. Soft porcelain blue.
Kermesina, I. versicolor kermesina, 25c: 30 in. Bright red-violet, for the waterside.

SIBERIAN IRIS: Should be much more used. They are superior to Bearded Iris as garden plants in every way. Dense clumps of narrow upright foliage.
Blue King, 15c: 30 in. Purplish blue with delicate markings.
Distinct, 25c: 3 ft. Rich blue with white veining, very narrow foliage.
Emperor, 40c: 3 to 4 ft. Large, deep violet blue, broad circular falls.
Geo. Wallace, 30c: 3 ft. S., azure blue; F., darker, veined white. Very narrow upright foliage. Fine at pool side.
Orientalis, 15c: Similar to Blue King, a little darker.
Snow Queen, 25c: 30 in. Ivory white with yellowish throat. Splendid flower for cutting.
True Blue (Fryer's), 25c: A clear blue color.

JAPANESE IRIS: June-July. All best protected some through winter.
Unnamed Seedlings, 25c: Various colors.
Mahogany, 40c: Six petals, dark reddish-purple.
Zama-no-mori, 40c: Six petals, white margined blue.

OTHER HARDY PERENNIALS

The measure given is the average height, and the dates, the blooming period. Most perennials can be moved well either fall or spring, and many of them through the summer. Prices, unless otherwise given: Field-grown plants, 25c each, \$2.40 per dozen, \$15.00 per 100—3 or more of one kind at dozen rates, and 25 or more at hundred rates. For plants selected in the growing season and dug with a ball of earth, add 5c to each price.

ACHILLEA, Milfoil, Yarrow. Thrive in any soil in sun.

— *eupatorium*, *filipendulina*, 3 to 4 ft. Bright yellow, June-July.

— *millefolium* *roseum*, 1 to 2 ft. Rosy-pink. June-September.

— *ptarmica*, Mt. Blanc, 1 to 2 ft. Pure white, much superior to the Pearl. June-September.

— *tomentosa*, Wooly Yarrow, 6 in. Sulphur yellow. June.

AEGOPODIUM *podagaria*, Bishop's Weed, 1 ft. Variegated foliage, green and yellow. Useful for waste places, and borders. Any soil, shade or sun.

AGROSTEMMA *coronaria*, Rose Champion, Mullein Pink, 2 ft. Sandy soil. Tufts of silvery, wooly foliage and single velvety red flowers. June-July.

ALYSSUM *saxatile*, Basket of Gold, 1 ft. Sunny, well drained limestone soil; bright yellow, April-May. Fine for rockeries or borders.

AMSONIA *tabernaemontana*, 2 to 3 ft. Willow-like leaves. Panicles of pale blue flowers in late May.

ANCHUSA *italica* Dropmore, 4 ft., branching; blue, June-September. Moist soil in sun.

ANEMONE *hupehensis*, 35c: 1 to 2 ft. Large pale mauve flowers, August-October. Moist, sandy, rich soil. Transplant in spring.

ANTHEMUS *tinctoria*, Golden Marguerite, 1 to 2 ft. Golden yellow. June-October.

AQUILEGIA, Columbines. Not particular as to soil; endure some shade. Grown from seed, they are variable. Colors can not be guaranteed.

— *chrysanthia*, 2 to 3 ft. Yellow shades, long spurs, long blooming season.

— *coerulea*, Rocky Mt. Columbine, 2 ft. White and blue. May-June.

— *canadensis*, American Columbine, 2 ft. Scarlet and orange. May-June.

— *Helena*, 1 ft. Pale blue and white. May-June.

— *flabellata*, 1 ft. Pure white, early. Large dense foliage.

— Long Spurred Hybrids. Many color combinations and types. May-June. Very choice.

— *skinneri*, 2 to 3 ft. Mexican Columbine. Combination crimson, green and yellow.

ARABIS *alpina*, Rock Cress, 6 in. Mass of white. April-May. Sun.

ARENARIA *caespitosa*, Moss Sandwort. Dense tufts. 2 in. Tiny white flowers.

— *grandiflora*. Trailing. White flowers in May. Fine for rockery.

— *montana*. Trailing. Masses of white flowers in May. Good edging plant.

ARMERIA *gigantea*, 1 to 2 ft. Heads of pink or white flowers on stiff stems continuously.

ARTEMESIA *abrotanum*, Southernwood, 2 to 3 ft. Finely cut, green, scented foliage.

— *lactifolia*, 3 to 4 ft., branching. Heads of grayish white fragrant flowers.

— Silver King, Ghost Plant, 30c: 3 ft. Frosted silvery foliage and flowers. Dense branching habit. Very conspicuous all summer. Unequalled for cutting.

— *frigida*, 1/2 to 1 1/2 ft. Very fine silky white foliage, flowers yellowish.

ASCLEPIAS *tuberosa*, Butterfly Weed, 2 to 2 1/2 ft. Umbels of bright orange flowers in July and August. Sunny, dry soil. Very showy plant.

ASPERULA *odorata*, Sweet Woodruff, 6 to 8 in. White flowers April-May.

ASTERS—Abendrothe, 30c: 3 to 4 ft. Violet-rose. September.

— Alpine Aster, 1 ft. Bluish-violet with golden center. June. Fine for rockery or border, any situation.

— Alpine White. A white form of the above.

— Barrs Pink, 35c: 4 to 5 ft. Bright pink, September.

— Climax, 5 ft. Pyramidal spikes light lavender-blue.

OTHER HARDY PERENNIALS—Continued

- **Climax White.** A white form of the above.
- **Elta**, 30c: 4 ft. Semi-double, light lavender, September.
- **Heather Glow**, 3 to 4 ft. Large brilliant rose flowers with golden centers. September.
- **Little Boy Blue**, 35c: 2 ft. Fine rich blue. August-September.
- **Nova-angliae, roseum superbum**, 35c: 4 to 5 ft. Almost red. September.
- **Queen Marie**, 3½ ft. Flowers 2½ in. blue tinted lavender. September. Splendid for cutting.
- ASTILBE, Spirea.** Rich, moist soil and part shade preferred.
 - **America**, 40c: Spikes of deep pink. June-July.
 - **gruno**, 40c: 4 ft. Gracefully spreading spikes of salmon pink.
 - **Meta Immink**, 50c: 3 to 4 ft. Dense spikes of clear pink. June-July.
- BAPTISIA australis, False Indigo.** 2 to 3 ft. Dark blue pea-shaped flowers in 6 in. spikes, June. Dry soil in full sun.
- BELLIS perennis, English Daisy.** 6 in. Crimson to white. Double. May-June.
- BLEEDING HEART.** See Dicentra.
- BOCCONIA cordata, Plume Poppy.** 6 to 8 ft. Broad sinuate leaves. Creamy white flowers in plume-like terminal panicle.
- BOLTONIA asteroides.** 5 to 6 ft. Branched stems. Small aster-like white flowers. September. Excellent for cutting.
- CALAMINTHA grandiflora**, 6 in. Bright rose purple flowers.
- CALLIRHOE involucrata**, 30c: **Mallow Poppy.** Trailing. Large, saucer-shaped, deep crimson flowers. June-September.
- CAMPANULA carpatica, Harebell**, 30c: Dense mat, 8 in., clear blue, June-October.
 - **carpatica alba**, 30c: A pure white form of the above.
 - **persicifolia**, 2 ft., 30c: Large cup-shaped blue flowers. June-July.
 - **persicifolia alba**. A pure white variety of the above.
 - **pyramidalis**, 3 to 5 ft. Long spikes of blue star-shaped flowers continuously.
 - **pyramidalis alba**. A white form of the above. Variable from seed.
 - **rapunculoides**, 1 to 1½ ft. Nodding purplish blue. June, some till September.
- CENTAUREA dealbata**, 2 to 3 ft. Soft rosy pink flowers.
- **montana, Perennial Cornflower.** 1 to 2 ft. Large heads of violet-blue. July-September.
- CERASTIUM biebersteini.** Trailing. White cottony foliage and white flowers.
- **tomentosum, Snow-in-Summer**, 30c: Trailing. A mat of silvery white foliage. White flowers in June. Fine for rockery.
- CHRYSANTHEMUMS, Hardy.** All like rich soil, and winter protection.
 - **Eva**, 3 ft. Deep rose pink. Bloomed October 10th.
 - **Glory of Seven Oaks or Carrie.** Rich golden yellow. July-October.
 - **Normandie.** Creamy-white opening with a pinkish tinge. October 1st.
 - **Province.** Rose pink, tipped rosy red. Fine. October 5th.
- CLEMATIS recta mandschurica**, 40c: 2 ft. Clusters of large fragrant white flowers, in June-July. Heads of wooly seed till winter. Very desirable and superior to the common *C. recta*.
- COREOPSIS grandiflora**. 3 ft. Deep yellow. Splendid cut flowers, June-October.
- **imbricata**, 2½ ft. Large bright yellow. June-October.
- DAISY—Arctic, Chrysanthemum articum.** 1 ft. Pink tinted white flowers, 2 in., in September-October. Fine dark green foliage.
- **Double White Shasta, C. leucanthemum flore plena.** Double, pure white flowers in great abundance in May. Needs no protection.
- **Giant Daisy, Pyrethrum uliginosum.** 3 to 4 ft. Large white flowers. August-September.
- **Shasta**, 1 to 2 ft. Large white daisies, July-September. Needs protection.

PRICES unless noted: 25¢ each, \$2.40 per dozen, \$15.00 per hundred. 5¢ extra for digging with ball and burlap.

OTHER HARDY PERENNIALS—Continued

DELPHINIUM, Larkspur. All like limestone soil.

- **Belladonna.** 2 to 4 ft. Light blue, all summer. The English improved larger strain. One of the choicest.
- **Bellamosa.** 2 to 4 ft. Dark blue, all summer.
- **Chinese Blue.** 1 to 2 ft. Finely cut foliage. Gentian blue, all summer.
- **Azure,** a pale blue form of the above.
- **White,** a white form of the above.
- **English Hybrids,** 4 ft. or more. All shades, each plant distinct. Plants selected while in bloom 30c and up, according to size and quality.
- **Lamartine,** 2½ ft. Fine deep gentian blue.

DIANTHUS alpinus, 30c: 4 to 6 in. Large rosy-purple flowers.

- **barbatus, Sweet William.** 1 ft. Mixed colors. May-June.
- **caesius,** 30c: **Cheddar Pink.** 3 to 6 in. Fragrant rose pink. Dry soil.
- **Griesbachii,** 30c: Trailing. Deep rose flowers.
- **deltoides, Brilliant.** 6 in. Very bright red. June-July.
- **latifolius atrococcineus fl. pl., Everblooming Sweet William.** 18 in., dark crimson, double, carnation-like flowers all summer.
- **neglectus,** 35c: Cherry red flowers from small dense tufts. Acid soil.
- **plumarius, Clove Pink.** 1 ft. Various colors. May-June.

DICENTRA exima, Plum or Fern Leaved Bleeding Heart, 30c: 1 ft. Finely cut light green foliage till frost. Compact growing. Flowers from early spring till frozen. Perfectly hardy and thrives in sun or shade. An ideal rockery plant.

- **spectabilis, Bleeding Heart,** 60c: 1½ to 2 ft. Long racemes of graceful heart-shaped, rose-crimson flowers. April-June. Thrives any place.

ECHINOPS ritro, Globe Thistle, 30c: 3 to 4 ft. Large globular heads of metallic blue July-August. Good for drying.

ERIGERON multiradiatus roseus, 6 in. Pink daisy-like flowers June-July.

ERYNGIUM planum, Sea Holly. 2 ft. Spiny foliage. Thistle-like heads of steel-blue flowers. July-August. Fine for drying.

ERYSIMUM pulchellum, 3 in. Dense tufts. Yellow flowers in June.

EUPHORBIA corollata, Flowering Spurge, 30c: 2 to 3 ft. Small white flowers, much branched stems. July-August. Preferable to Gypsophila for cutting.

FERN—Ostrich, *Onoclea struthiopteris,* 30c: 2 to 3 ft. Prefers part shade and leaf-mold, but will endure almost any situation.

FILIPENDULA ulmaria, MeadowSweet, 30c: 2 ft. Feathery plumes of creamy-white in June-July.

GAILLARDIA, Blanket Flower. 1 to 2 ft. Flowers have red, yellow, and orange blended. May-October. Endures drouth. Very desirable and easily grown.

GALEGIA officinalis, Goat's Rue. 3 to 4 ft. Pink or purplish, July-August.

GYPSOPHILA paniculata, Baby's Breath. 2 to 3 ft. Misty masses of small white flowers, June-July. Much used in bouquets.

- **nana compacta,** 2 ft. Much more compact than the above.
- **repens.** Trailing. Rose tinted white flowers. July-August.
- **repens rosea.** Like above but deeper pink.

HELENIUM autumnale. 4 to 5 ft. Brilliant yellow, with brown center. September-October.

HELIOPSIS scabra zinniaeflora. 2 to 3 ft. Large deep yellow, July-October.

- **pitcheriana,** 3 to 4 ft. Deep yellow, July-August.

HEMEROCALLIS, Yellow Day Lily. Grow anywhere.

- **flava, Lemon Lily.** 2½ ft. May-June, lemon-yellow.
- **Florham,** 40c: 3 to 3½ ft. July. Large, rich yellow.
- **fulva, Tawny Day Lily.** 3 to 5 ft. July. Coppery-orange.
- **Gold Dust.** 2 to 3 ft. July. Richest yellow.

PRICES unless noted: 25c each, \$2.40 per dozen, \$15.00 per hundred. 5c extra for digging with ball and burlap.

OTHER HARDY PERENNIALS—Continued

- *Kwanso*, 3 to 4 ft. July. Double, golden bronze.
- *thunbergi*, 2 to 3 ft. July-August. Fragrant, lemon yellow.
- HESPERIS matronalis**, Sweet Rocket. 2 ft. White, fragrant. May-June.
- HEUCHERA sanguinea**, Coral Bells, 35c: 1 to 2 ft. Spikes of pendant coral bells. July-August. Like rich, moist loam.
- HIBISCUS**, Mallow. 4 to 5 ft. Rose, pink, or white 6 in. flowers, July-September.
- HOSTA**, Funkia, Plantain Lily. Thrive almost anywhere.
 - *coerulea*, Blue Plantain Lily. 1½ ft. July. Drooping blue flowers.
 - *subcordata grandiflora*, 50c: 2 ft. August-September. White flowers.
- HOLLYHOCKS**. 4 to 8 ft. Assorted colors. August-September.
- HYPERICUM elegans**, 30c: Siberian St. Johnswort. Bright yellow July-August.
 - *fragile*, 6 in. Bright yellow. August.
 - *repens*, 30c: Trailing. Heath-like growth. Large yellow flowers.
- IBERIS** Prouti, Dwarf Candytuft. Mass of white through May.
- INCARVILLEA**, Hardy *Gloxinia*, 35c: 1 to 2 ft. Large pink trumpet-shaped flowers through summer. Give dry cover in winter.
- LILIUM**, Lilies. Most kinds require well-drained deep soil.
 - *auratum*, Gold-banded Lily, 45c: July-August. 3 to 5 ft. Very large, fragrant white flowers, with yellow stripes.
 - *elegans*, 30c: June. Orange-red flowers stand upright 2 to 3 ft.
 - *elegans Leonard Joerg*, 40c: June. A rich apricot variety. 2 to 3 ft.
 - *regale*, The Regal Lily, 50c: July. White shaded pink. 2 to 3 ft.
 - *speciosum magnificum*, 50c: August-September. Pink with red dots. 2 ft.
 - *superbum*, Turk's Cap Lily, 30c: Reddish-orange. July. 4 to 6 ft.
 - *tigrinum*, Tiger Lily, 30c: July-August. Orange spotted black. 3 to 5 ft.
 - *tigrinum flore plena*, 30c: Double Tiger Lily. 3 to 5 rows of petals.
- LINUM perenne**, Hardy Flax. 1 to 2 ft. Light, graceful foliage and stems. Pale blue flowers each morning, June-September.
- LYCHNIS viscaria**, 10 in. Heads of bright pink in August-September.
- LYTHRUM roseum superbum**, 35c: Purple Loosestrife. 3 to 4 ft. Branched spikes of rosy-purple July-August. For moist or wet places.
- MYOSOTIS alpestris**, Forget-Me-Not. 6 in. Delicate blue. Fine in part shady beds or borders. Blooms a long time.
- NEPETIA mussini**, Ground Ivy, 30c: 1 ft. Compact, beautiful foliage, lavender-blue flowers, constantly. A splendid rockery plant.
- OENOTHERA speciosa**, White Evening Primrose. 1½ ft. Large flowers. August-September.
 - *youngi*, Sundrops, Evening Primrose. 2 ft. Lemon yellow. June-August.
- PACHYSANDRA terminalis**, Japanese Spurge. 6 to 9 in. Glossy light green foliage. Evergreen. A splendid ground cover for shade. Acid soil.
- PENSTEMON barbatus**, 30c: Spikes 3 to 4 ft., bright scarlet, June-August.
- *grandiflora*, 30c: Spikes 2 ft., lavender-blue flowers. June. A splendid cut flower. Dry soils in sun only.
- PHLOX**—*amoena*, 30c: 4 in. A mass of pink in April-May.
 - *arendsi*, 1 ft. May-June. Crosses of the Wild Blue and Garden Phlox.
 - *Charlotte*, 40c: White tinged pink, carmine eye.
 - *Louise*, 40c: Pale lilac with carmine eye.
 - *divaricata Laphami, Perry's Variety*, 30c: 1 ft. A beautifully improved form of the Wild Blue Phlox. Lilac-blue.
 - *pilosa*, 30c: 1 ft. Lilac-pink. May. Dry sunny places.
 - *subulata, Moss Phlox*. All spreading plants, very fine for rockery or border.
 - *alba*, 30c: The most vigorous variety, pure white.

PRICES unless noted: 25c each, \$2.40 per dozen, \$15.00 per hundred. 5c extra for digging with ball and burlap.

OTHER HARDY PERENNIALS—Continued

- — **Fairy**, 40c: Pale blue with dark purple eye. Splendid new kind.
- — **lilacina**, **Lilac**, 30c: Light blue. The strongest growing variety.
- — **rosea**, **Rose Pink**, 30c: The commonest variety.
- — **vivid**, 40c: **Vivid pink**. The best dwarf pink. Slower-growing.
- — **suffruticosa**, **Miss Lingard**, 30c: $\frac{1}{2}$ ft. Pure white, very large long trusses. Very early. Dark glossy green foliage.

PHLOX paniculata, **Garden Phlox**. All 30c each, \$2.50 per 10. All like rich, moist, well-drained soil, and a mulching of well-rotted manure in winter.

- **Baron Von Dedum**, orange-red tinted old rose.
- **Champs Elysee**, very dark purplish-crimson.
- **Commander**, brilliant deep crimson red.
- **H. O. Wijers**, white with large crimson eye.
- **Jules Sandeau**, large delicate salmon pink, dwarf.
- **Mrs. Jenkins**, large, white, tall.
- **Mrs. Milly Van Hoboken**, large flowers, beautiful soft pink.
- **Prof. Virchou**, brilliant carmine overlaid with orange-scarlet.
- **Rijnstroom**, **Rynstrom**. Very large, pure rose pink. One of the best.
- **R. P. Struthers**, cherry red with claret red eye.
- **Siebold**, orange scarlet with a darker eye.
- **Special France**, delicate rose with carmine-rose eye.
- **Von Hochberg**, the nearest pure red.
- **W. C. Egan**, very large, soft pink.
- **Widar**, bright reddish-violet with a white eye.

PHYSOSTEGIA, **False Dragonhead**. Thrives in any good soil.

- **virginica**. 3 to 4 ft. August-September. Spikes of delicate pink, tubular flowers.
- **alba**. A white form of above, July-August.
- — **vivid**, 30c: 2 ft. Deep pink. Early September till hard freezing. Fine for cutting. Massed, it gives the landscape effect of Heather. One of the choicest new perennials.

PHYSALIS franchetti, **Chinese Lantern Plant**. 1 to 2 ft. Attractive orange seed pods last all winter. Roots spread rapidly.

PLATYCODON grandiflora, **Balloon Flower**. 2 to 3 ft. June-October. Large bell-shaped flowers, either blue or white. Inflated balloon-like buds.

— **mariesi**. 1 to $1\frac{1}{2}$ ft., otherwise like above. Very fine flower.

PLUMBAGO larpentae, 35c: **Blue Leadwort**. $\frac{1}{2}$ to 1 ft. Cobalt blue, July-September. Protect. Compact, spreading habit.

POLEMONIUM reptans, **Greek Valerian**. $\frac{1}{2}$ to 1 ft. Blue flowers April-May.

— **richardson**, 12 in. Large bright blue flowers in May.

POPPY, **Iceland**—**Papaver nudicaule**. 1 ft. Cup-shaped flowers, white to orange-scarlet, mostly yellow, on slender nodding stems. Self-sowing biennial.

— **Pilosum**. 1 to 2 ft. Salmon flowers on slender nodding stems. Perennial.

— **Oriental**, **Papaver orientale**, 30c: 2 ft. Large orange scarlet flowers with black centers, in May-June. Transplant in August.

PYRETHRUM, **Persian or Painted Daisy**. 2 to 3 ft. All colors, white to deep red.

— **Hybrids**, random colors, as they run from seed.

— **Selected Pink**, 30c: Color marked when in bloom.

— **Selected Deep Red**, 35c: Color marked when in bloom.

— **Parthenium aureum**, **Golden Feather**, **Feverfew**. Small white flowers, golden foliage, useful for edging or borders.

RANUNCULUS acris, **English Buttercup**. 1 to 2 ft. Upright, branching. Small, double, waxy golden yellow. May-June. Good for cutting.

— **repens**, similar to above but prostrate, spreading rapidly.

SAGINA glabra, 40c: 1 in. Makes a dense green mat. Tiny white flowers.

PRICES unless noted: 25c each, \$2.40 per dozen, \$15.00 per hundred. 5c extra for digging with ball and burlap.

OTHER HARDY PERENNIALS—Continued

SALVIA turkestanica. 2 to 3 ft. Small white flowers. Large, very decorative wooly leaves, flat on the ground.
—*praetensis*, 1 ft. Indigo-blue, or violet flowers.

SAPONARIA ocymoides, Rock Soapwort, 30c: 1 ft. Mass of small rosy pink flowers in May-June.

SAXIFRAGA crassifolia, 50c: 1 ft. Broad green foliage, rosy pink flowers. April-May.

SEDUM, Stonecrop, Liveforever.
—*acre*, Golden Moss. Creeping, green foliage, yellow flowers.
—*album*. 2 to 3 in. Round green foliage, small white flowers.
—*anglicum*. 1 to 2 in. Forms a dense bluish-green mat.
—*eversi*. 2 to 4 in. Grayish foliage, pinkish flowers.
—*kamtschaticum*. 6 in. Bright green foliage, golden yellow flowers.
—*lydium*. 1 to 2 in. Deep bronzy green foliage very compact, almost mossy. Pink flowers.
—*pulchellum*. 4 to 5 in. Light evergreen foliage. Branched stems. Rose colored flowers.
—*rupestre*. 4 to 6 in. Creeping, reddish stems.
—*sarmentosum, Stringy Sedum*. Dwarf, rapid spreading.
—*sieboldi*. 6 in. Pink flowers in September. Foliage bordered red.
—*spectabile*. 1 to 1½ ft. Large heads of pink flowers in August-September. Broad light green foliage. Good border plant.
—*brilliant*, like the above, but rosy-crimson.
—*Variegata*. Pink flowers, and leaves striped yellowish.
—*stoloniferum coccineum*, 6 to 8 in. Rosy-crimson, July-August.

SENECIO clivorum, 40c: 2 to 3 ft. Tufts of large reniform-cordate leaves 12 in. wide. 3 to 5 in. rich golden yellow aster-like flowers, July to October. For moist soil or waterside.

SEMPERVIVUM, House Leek, Hen and Chickens. A few of several species of this much confused genus are available. All excellent in rockeries.
—*arenarium*. Small green rosettes freely produced.
—*tectorum*. Rosettes 5 to 6 in. in diameter. Flowers pale red, 1 ft.

SIDALCEA candida. 2 to 3 ft. Spikes of white flowers. July-September.

SOLIDAGO, Golden Rod. Golden Wings, 30c: Very wide panicles, 4 ft. August.
—*missouriensis*, 30c: **Aster Flowered Golden Rod.** Compound panicles of sulphur yellow, small aster-like flowers. August.

STATICE latifolia, Sea Lavender. 1 to 2 ft. Broad, thick leaves, upright, finely branched panicles of small blue flowers. August-September. Splendid for cutting and drying.

STOKESIA, Stokes Aster. 1 to 2 ft. Large lavender-blue flowers July-October. Succeed in any open sunny soil. Most attractive.

THALICTRUM adiantifolium, Meadowrue. Leaves like Maidenhair Fern. 1 to 2 ft. Flowers yellowish. June-July.
—*aquilegifolium roseum*, 4 ft. Much branched, feathery pink flowers. June-July.
—*flavum*. 3 to 4 ft. Fine foliage, lemon yellow flowers, July.
—*minus*. 1 to 2 ft. **Low Meadowrue.** Greenish yellow flowers, June-July.

THYMUS album. A carpet of dark green, with many small white flowers in June-July. Thrives on dry banks.
—*coccineum*. Like the above, but with dark red flowers.

TRADESCANTIA virginica, Spiderwort. 2 to 3 ft. Grassy leaves, blue flowers.
—*Rose colored* form of above, more dwarf.

TUNICA saxifraga. Tufts of wiry foliage, 6 in., and light pink small flowers all summer.

PRICES unless noted: 25c each, \$2.40 per dozen, \$15.00 per hundred. 5c extra for digging with ball and burlap.

OTHER HARDY PERENNIALS—Continued

VERBASCUM harkness Hybrids. 3 to 5 ft. Improved Mullein. Long branched spikes of large deep yellow flowers, all summer. Plant with tall Delphiniums.

VERONICA amethystina. 1 ft. Spikes of rich amethyst-blue in June-July.

— elegans. 1 ft. Erect. Spikes of pale pink June-July.

— incana. 1 ft. White wooly foliage. Spikes of blue in July-August.

— rupestris. Trailing. 3 to 4 in. Bright blue in June. Makes a thick carpet.

— spicata. 2 ft. Erect spikes of deep blue in June.

— teucrium. $\frac{1}{2}$ to 1 ft. Spreading, blue flowers May-June.

— longifolia subsessilis, Japanese Speedwell, 40c: 2 ft. Spikes of large dark blue. August-October. The best tall variety.

VINCA minor, Trailing Myrtle. Evergreen. Lilac-blue, April-May.

VIOLA—calcarata, Violet-blue. Likes shady place.

— hybrida, Osborn White. A creamy white.

— Apricot. Shades of apricot.

— Jersey Gem. Large, fragrant, violet color.

— odorata, Sweet Violet. Very fragrant, rich violet.

YUCCA filamentosa, Adam's Needle. 4 to 6 ft. Tall pyramidal clusters of large creamy flowers. June-July. Heavy 3-year plants, 50c; 2-year, 35c.

PRICES unless noted: 25c each, \$2.40 per dozen, \$15.00 per hundred. 5c extra for digging with ball and burlap.

FOREST TREE SEEDLINGS

	Size	Per 100	Per 1,000
GREEN ASH	18 to 24 in.	\$3.00	\$25.00
	12 to 18 in.	2.25	20.00
BLACK LOCUST	2 to 3 ft.	2.75	25.00
	18 to 24 in.	2.25	20.00
	12 to 18 in.	1.50	12.50
BLACK WALNUT	12 to 18 in.	5.00	45.00
	6 to 12 in.	4.00	35.00
BUTTERNUT	18 to 24 in.	7.00	—
	12 to 18 in.	5.00	—
CAROLINA POPLARS , 1-year whips	5 ft. & up	8.00	75.00
	Rooted Cuttings.		
	4 to 5 ft.	7.00	60.00
	3 to 4 ft.	6.00	50.00
	2 to 3 ft.	4.50	40.00
HARDY CATALPA	18 to 24 in.	2.00	18.00
	12 to 18 in.	1.50	14.00
HONEY LOCUST	18 to 24 in.	2.50	22.50
	12 to 18 in.	2.00	17.50
RUSSIAN MULBERRY	2 to 3 ft.	3.00	25.00
	18 to 24 in.	2.50	20.00
	12 to 18 in.	2.00	16.00
SOFT MAPLE	18 to 24 in.	2.50	22.00
	12 to 18 in.	2.00	16.00

GRAFTED NUT TREES

HICKORIES The demand for these trees continues to exceed the supply, and probably will for a long time, because of the limited number of stocks which are ready to graft, it taking from three to eight years for them to attain sufficient size. This necessarily will keep the price of grafted trees comparatively high, and those contemplating establishing large plantings will do well to plant nuts in place, so as to avoid transplanting, and graft the seedlings when large enough. Gions for this purpose can be supplied in season, or a limited number of trees can be furnished for parent trees, and will be quoted on application.

BLACK WALNUTS. The steadily decreasing number of Walnut trees and increasing use of Walnut for interior finishing assures a good future market for Walnut logs. Many a tree will bring enough to buy an acre of ground about it, or even several acres, for they may be grown on bottom land which overflows. For the production of timber alone, seedling trees could be used, but would be less uniform in growth than grafted trees, and for the production of nuts, all would be inferior and some have no value at all. The grafted kinds are well worth planting for the nuts alone. The use of Walnut meats is rapidly increasing in ice cream, candy, and cakes, for no other nut, except the hickory, retains its flavor so well after heating.

Thomas is the best known variety and succeeds over a wide territory. The tree is hardy, very vigorous, productive and a very young bearer, switches one year old often bearing the following season. The nuts are large, fairly thin shelled. Kernels come out easily and yield ten pounds or more per bushel of meats of fine quality.

Ohio is a close rival of the Thomas, and by some is considered rather superior to it in certain respects.

Stabler is a native of Maryland and not so thrifty or hardy as Thomas or Ohio. The nut is of fair size, very thin-shelled, and often not divided, so the meats can be extracted in one piece.

Besides the kinds listed above, a few trees are available of several others more recently discovered, and will be quoted on application.

PRICES—	5-6 ft.	4-5 ft.	3-4 ft.	2-3 ft.	18-24 in.
Thomas	\$3.00	\$2.50	\$2.25	\$2.00	\$1.50
Ohio	—	—	2.25	2.00	1.50
Stabler	—	—	—	2.00	1.50

THE WINKLER HAZLENUUT is the best and largest of many kinds we have tried. The nuts are produced freely, are larger than many European Filberts and have the choice quality of the small wild hazlenut. They are uniformly large, sometimes over one inch long. Often the kernels almost burst the shells open and they can be easily pried apart with a light knife or one's thumb nail. The bush is shapely and grows to about six feet, making a desirable ornamental shrub. The foliage is good and none on the place colors more beautifully in autumn. A sample of the nuts will be sent to those interested.

Transplanted Layers	15-18 in.	\$1.00 each
“ “	18-24 in.	1.50 each
“ “	24-30 in.	2.00 each
“ “	30-36 in.	2.50 each

CHESTNUTS. The grafted varieties of Chestnuts bear much younger than seedlings and the nuts are larger. Always more than one variety should be planted to insure fertilization. Chestnut blight has never been in this section.

Rush Chinquapin. A hybrid of Chestnut and Chinquapin, with larger nuts than Chinquapin, very sweet, and extra good. The tree is dwarf and very productive.

Fuller. A productive, early bearing, hardy variety with large nuts of splendid quality.

Riehl #57. Very much like Fuller, but even more productive.

PRICES	2-3 ft.	18-24 in.
One-year grafts, mostly switches	\$1.50	\$1.25

ORDER SHEET

Date _____ 193 _____

SNYDER BROS., Inc.,
Linn County Nurseries,
Center Point, Iowa.

Remittance enclosed, \$ _____

Ship to _____

Postoffice _____ County _____

Shipping Point _____ State _____

By _____ When _____
(Freight, Express, or Parcel Post)

In case the size ordered is exhausted, may another size be substituted
and the balance in price refunded? _____

In case a variety ordered is exhausted, may a similar variety be substituted? _____

ORDER SHEET—Continued

